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Dr. Pittman
Bldg. 29-320

Establishments and Products

LICENSED UNDER SECTION 351 OF THE PUBLIC HEALTH SERVICE ACT



U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service Food and Drug Administration

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BUREAU OF BIOLOGICS
FOOD AND DRUG ADMINISTRATION
ROCKVILLE, MARYLAND 20852

INTRODUCTION

This publication contains listings of establishments holding licenses issued in accordance with Section 351 of an act of Congress approved July 1, 1944, entitled "Public Health Service Act" (42 U.S.C. 201, et. seq.), and products which these establishments are licensed to manufacture. Section 351 of this act is designed to regulate the sale, barter, or exchange of viruses, serums, toxins, antitoxins, vaccines, blood, blood components or derivatives, allergenic products, or analogous products, or arsphenamine or its derivatives (or any other trivalent organic arsenic compound) in the District of Columbia, in interstate and foreign commerce, and for other purposes.

The granting of a product license means that it has been demonstrated that the establishment and the product for which a license has been issued have met all applicable standards (published in Title 21, Code of Federal Regulations, Part 273) designed to insure the continued safety, purity, and potency of such products. The licenses granted to these establishments for the products mentioned do not imply an endorsement of the respective preparations nor do they make the Government a guarantor or insurer of the safety, purity, and potency of such licensed products. A license issued to an establishment to manufacture a particular product remains valid until revoked or suspended for failure of such establishment or product to comply with the applicable regulations designed to insure the continued safety, purity, and potency of such products or by voluntary surrender of such license by the manufacturer.

This publication consists of four parts:

- Part I Licensed establishments listed alphabetically with license number. This section may be used as an index to Part II as it also contains a listing of page numbers.
- Part II Licensed establishments listed numerically by license number and the products each establishment is licensed to manufacture.
- Part III An alphabetical list of biologic products with the license number of each establishment licensed to manufacture each product.
- Part IV An alphabetical list of biologic products by category.

PART I

ALPHABETICAL LIST OF LICENSED ESTABLISHMENTS

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35 Blood Bank of the Washington Hospital Center #213
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37 Central Blood Bank of Pittsburgh #234
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36 Central Florida Blood Bank, Incorporated #227
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28 Chicago Blood Donor Service, Inc. #169
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44 Cleveland Biologicals, Inc. #301
39 Coffee Memorial Blood Center, Inc. #246
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53 Community Blood Bank of Central Iowa #389
54 Community Blood Bank of Marion County, Inc. #398
40 Community Blood Bank of Norton, Inc. #263
60 Community Blood Bank of Southern New Jersey, Inc. #440
53 Community Blood Center #394
44 Community Blood Center of Greater Kansas City #302
52 Community Blood Council of Greater New York, Inc.,
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36 Community Blood and Plasma Service, Inc. #224
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57 Eastern Biologicals, Inc. #420
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42 Edgewater Hospital Blood Bank #286
61 Electro-Nucleonics Laboratories, Inc. #453
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46 Elizabeth General Hospital and Dispensary #327
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14 E. R. Squibb & Sons, Inc. #52
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51 Fairfax Hospital Blood Bank #365
61 Flow Laboratories, Inc. #455
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45 Garden State Blood Bank, Inc. #320
58 Georgia Blood Bank & Serum Laboratories, Inc. #421

47 Glaxo Laboratories, Ltd. #337
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44 Greer Laboratories, Inc. #308
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52 Institut Merieux #384
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40 Interstate Blood Bank, Inc. #268
44 Interstate Blood Bank, Inc. of Chicago, Illinois #305
59 Interstate Blood Bank, Inc. of Louisiana #438
60 Interstate Blood Bank, Inc. of Pa. #444
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27 J. K. and Susie L. Wadley Research Institute and Blood Bank #167
28 Jackson Blood Bank, Inc. #170
30 Jacksonville Blood Bank, Inc. #181
39 Jacob Blumberg Memorial Blood Bank, Inc.,
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24 John Elliott Blood Bank, Inc. #154
33 King County Central Blood Bank, Inc. #192
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11 Lederle Laboratories Division, American Cyanamid Co. #17
59 Lee Laboratories, Inc. #436
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45 Maine Medical Center Blood Bank #316
17 Mallinckrodt Chemical Works #77
41 Marietta Memorial Hospital #270
43 Massachusetts General Hospital #300
16 Massachusetts Public Health Biologic Laboratories #64
35 Maxwell Blood Bank, The Children's Memorial Hospital #209
53 Medical Center Blood Bank #388
61 Medical Center Blood Bank, Inc. #449
38 Memphis Blood Center, Inc. #240
50 Merced County General Hospital Blood Bank #360

8 Merck Sharp & Dohme, Division of Merck & Co., Inc. #2
61 Meridian Bio-Medical, Inc. #448
19 Merrell-National Laboratories, Division of
Richardson-Merrell Inc. #101
56 Metabolic, Inc. #415
20 Michael Reese Research Foundation #113
41 Michigan Community Blood Center #272
56 Mid-South Blood Service, Inc. #411
43 Midwest Blood Service, Inc. #296
50 Miles Laboratories, Inc. #362
31 Milwaukee Blood Center, Inc. #187
31 Minneapolis War Memorial Blood Bank #185
61 Minnesota Mining and Manufacturing Co. #452
27 Mount Sinai Hospital Medical Center #168
19 Mulford Colloid Laboratories, Division of Lemmon Pharmacal
Company #102
52 N. V. Organon #378
53 N. V. Philips-Duphar #393
46 National Blood Products, Inc. #321
54 National Blood Service of Philadelphia, Inc. #400
62 Nelco Laboratories, Inc. #459
61 New England Deaconess Hospital #451
46 New Hanover Memorial Hospital Blood Bank #326
49 New Orleans Blood Bank #354
56 North American Biologicals, Inc. #413
37 Northern California Community Blood Bank #230
39 Northern Illinois Blood Bank, Inc. #249
52 Nyegaard & Co. A/S #382
37 Ochsner Foundation Hospital Blood Bank #233
40 Oesterreichisches Institut Fuer Haemoderivate G.m.b.H. #258
48 Ohio Valley Blood Service, Inc. #346
41 Oklahoma City Community Blood Bank, Inc. #273
51 Organon Inc. #363
25 Ortho Pharmaceutical Corp. #156
62 Palm Beach Blood Bank, Inc. #457
7 Parke, Davis & Co. #1
58 Peninsula General Hospital of Wicomico County #429
33 Peninsula Memorial Blood Bank #195
54 Perth Amboy General Hospital #395
26 Pfizer Inc. #164
47 Pfizer, Ltd. #338
21 Philadelphia Blood Center #139
52 Philips Roxane, Inc. #376
53 Phoebe Putney Memorial Hospital #387
42 Pioneer Blood Service, Inc. #278
50 Princeton Laboratory Products Co. #359
35 Providence Hospital Blood Bank #218
44 Purex Laboratories, Inc. #306
58 Recherche et Industrie Therapeutiques S.A. #430

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42 Rhode Island Hospital Blood Bank #284
51 Rock Island County Blood Bank, Inc. #373
33 Sacramento Medical Foundation Blood Bank #194
53 St. Barnabas Hospital for Chronic Diseases #390
58 St. Francis Hospital, Inc. #431
55 St. Joseph Hospital, Inc. #403
41 St. Luke's Memorial Hospital Blood Bank #271
45 St. Vincent Hospital Blood Bank #317
34 San Diego Blood Bank #201
49 Schering Corporation #349
48 Scientific Blood Bank, Inc. #345
51 Scott County Medical Society Blood Bank, Inc. #366
60 Sera-Tec Biologicals, Inc. #443
38 Shreveport Emergency Blood Bank, Inc. #237
52 Sibley Memorial Hospital #380
33 Sonoma County Community Blood Bank #197
39 South Bend Medical Foundation, Inc. #248
43 South Georgia Medical Center, Valdosta-Lowndes County
 Hospital Authority #290
45 Southeastern General Hospital, Inc. #313
36 Southwest Florida Blood Bank, Inc. #228
47 Spectra Biologicals Division, Becton-Dickinson & Co. #344
60 Speers Memorial Hospital #447
34 Spokane & Inland Empire Blood Bank #203
55 Stanford University Hospital Blood Bank #402
57 State University Hospital, Upstate Medical Center #417
44 Suburban Hospital Blood Bank #309
13 Swiss Serum and Vaccine Institute Berne #21
34 Tacoma-Pierce County Blood Bank #202
21 Texas State Department of Health #121
22 Travenol Laboratories, Inc. #140
39 Travis County Medical Society Blood Bank #244
46 Tri-Cities Blood Service, Inc. #332
55 Tri-Cities Blood Service of Augusta, Inc. #410
34 Tri-Counties Blood Bank, Inc. #198
47 United Hospital Center, Inc. #339
55 United Laboratories, Inc. #408
60 University of Arkansas Medical Center Blood Bank #442
37 University of Cincinnati Blood Transfusion Service #235
14 Upjohn Co. #51
34 Virginia Blood Bank, Inc. #204
40 W. E. and Lela I. Stewart Blood Center, Inc. #265
53 Washington Homeopathic Pharmacy #392
21 Wellcome Foundation Limited, Wellcome Research Laboratories #129
58 Wellcome Reagents Limited #427
42 Western Pennsylvania Blood Center, Inc. #276
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10 Wyeth Laboratories, Inc. #3

ALPHABETICAL LIST OF LICENSED FOREIGN ESTABLISHMENTS

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51	Beecham Group, Ltd. #364
18	Behringwerke AG. #97
59	BIOTEST-Serum Institut GmbH #433
17	Connaught Laboratories Limited #73
47	Glaxo Laboratories, Ltd. #337
52	Institut Merieux #384
38	Istituto Sieroterapico Vaccinogeno Toscano Sclavo #238
52	N. V. Organon #378
53	N. V. Philips-Duphar #393
52	Nyegaard & Co. A/S #382
40	Oesterreichisches Institut Fuer Haemoderivate G.m.b.H. #258
47	Pfizer, Ltd. #338
58	Recherche et Industrie Therapeutiques S.A. #430
13	Swiss Serum and Vaccine Institute Berne #21
21	Wellcome Foundation Limited, Wellcome Research Laboratories #129
58	Wellcome Reagents Limited #427

PART II

ESTABLISHMENTS LISTED BY LICENSE NUMBER
AND PRODUCTS FOR WHICH EACH IS LICENSED

LICENSE NO. **ESTABLISHMENTS AND PRODUCTS**

1 PARKE, DAVIS & CO., Detroit, Michigan

ANTITOXINS

B. *oedematiens* Antitoxin
Perfringens Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene

BACTERIAL ANTIGENS

Two Polyvalent bacterial antigens with "No U.S. Standard of Potency"

BACTERIAL VACCINES

Pertussis Vaccine
Pertussis Vaccine Adsorbed
One Polyvalent bacterial vaccine with "No U.S.
Standard of Potency"

BACTERIAL VACCINES AND ANTIGENS COMBINED

Two Polyvalent bacterial vaccines and bacterial antigens with "No U.S. Standard of Potency"

BLOOD AND BLOOD DERIVATIVES

Antihemophilic Factor (Human)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
with Chloramphenicol
Histamine Azoprotein
Immune Serum Globulin (Human)
Measles Immune Globulin (Human)
Normal Serum Albumin (Human)
Tetanus Immune Globulin (Human)
Thrombin

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Blastomycin
Diphtheria Toxin for Schick Test
Histoplasmin
Tuberculin
 Old
 Purified Protein Derivative

1 PARKE, DAVIS & CO. (Continued)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-Human Chorionic Gonadotrophic Serum
Anti-Influenza Virus Serum for the Hemagglutination
Inhibition Test
Influenza Virus Hemagglutinating Antigen

MISCELLANEOUS

Allergenic Extracts
Poison Ivy Extract

MODIFIED BACTERIAL ANTIGENS

One Polyvalent modified bacterial antigen with "No U.S.
Standard of Potency"

MULTIPLE ANTIGEN PREPARATIONS

Adenovirus and Influenza Virus Vaccines Combined Aluminum
Phosphate Adsorbed
Diphtheria and Tetanus Toxoids
Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis and
Poliomyelitis Vaccines Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
and Poliomyelitis Vaccine
Staphylococcus Toxoid and Bacterial Antigen made from
Staphylococcus (Albus and Aureus)

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Staphylococcus Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

VIRAL AND RICKETTSIAL VACCINES

Adenovirus Vaccine
Influenza Virus Vaccine
Poliomyelitis Vaccine
Poliomyelitis Vaccine Adsorbed
Rabies Vaccine
Smallpox Vaccine

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

2 MERCK SHARP & DOHME, DIVISION OF MERCK & CO., INC.,
West Point, Pennsylvania

BACTERIAL VACCINES

Cholera Vaccine
Typhoid Vaccine

BLOOD AND BLOOD DERIVATIVES

Fibrinogen (Human)
Fibrinogen with Antihemophilic Factor (Human)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
Fibrinolysin (Human)
Immune Globulin (Human), Pepsin-Modified
Immune Serum Globulin (Human)
Normal Horse Serum
Normal Serum Albumin (Human)
Tetanus Immune Globulin (Human)

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Tuberculin
Purified Protein Derivative

MISCELLANEOUS

Antivenin (Latrodectus mactans)
Blood Group Specific Substances A and B
Poison Ivy Extract

MULTIPLE ANTIGEN PREPARATIONS

Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
and Poliomyelitis Vaccine
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

TOXOIDS AND TOXINS FOR IMMUNIZATION

Tetanus Toxoid
Tetanus Toxoid Adsorbed

VIRAL AND RICKETTSIAL VACCINES

Influenza Virus Vaccine
Measles, Mumps and Rubella Virus Vaccine, Live
Measles and Rubella Virus Vaccine, Live
Measles-Smallpox Vaccine, Live
Measles Virus Vaccine, Live, Attenuated
Mumps Virus Vaccine, Live
Poliomyelitis Vaccine
Rubella Virus Vaccine, Live
Rubella and Mumps Virus Vaccine, Live
Smallpox Vaccine
Typhus Vaccine

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

3 WYETH LABORATORIES, INC., Marietta, Pennsylvania

ANTITOXINS

Diphtheria Antitoxin
Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin

BACTERIAL VACCINES

Cholera Vaccine
Pertussis Vaccine
Typhoid Vaccine

BLOOD AND BLOOD DERIVATIVES

Immune Serum Globulin (Human)
Normal Horse Serum
Tetanus Immune Globulin (Human)

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Diphtheria Toxin for Schick Test

MISCELLANEOUS

Antivenin (Crotalidae) Polyvalent
Antivenin (Micruurus fulvius)

MULTIPLE ANTIGEN PREPARATIONS

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Tetanus Toxoid
Tetanus Toxoid Adsorbed

VIRAL AND RICKETTSIAL VACCINES

Adenovirus Vaccine
Influenza Virus Vaccine
Poliovirus Vaccine, Live, Oral, Trivalent
Poliovirus Vaccine, Live, Oral, Type 1
Poliovirus Vaccine, Live, Oral, Type 2
Poliovirus Vaccine, Live, Oral, Type 3
Smallpox Vaccine

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

8 CUTTER LABORATORIES, INC., Berkeley, California

BACTERIAL VACCINES
Plague Vaccine

BLOOD AND BLOOD DERIVATIVES
Factor IX Complex (Human)
Fibrinogen (Human)
Immune Serum Globulin (Human)
Mumps Immune Globulin (Human)
Normal Serum Albumin (Human)
Pertussis Immune Globulin (Human)
Plasma Protein Fraction (Human)
Rh_o(D) Immune Globulin (Human)
Tetanus Immune Globulin (Human)

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS
Coccidioidin

MISCELLANEOUS
Poison Ivy Extract
Poison Oak Extract

TOXOIDS AND TOXINS FOR IMMUNIZATION
Tetanus Toxoid

VIRAL AND RICKETTSIAL VACCINES
Poliomyelitis Vaccine
Smallpox Vaccine

17 LEDERLE LABORATORIES DIVISION, AMERICAN CYANAMID CO.,
Pearl River, New York

ANTITOXINS
Botulism Antitoxin
Diphtheria Antitoxin
Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin

BACTERIAL VACCINES
Cholera Vaccine
Pertussis Vaccine

BLOOD AND BLOOD DERIVATIVES
Immune Serum Globulin (Human)
Measles Immune Globulin (Human)
Normal Serum Albumin (Human)
Rh_o (D) Immune Globulin (Human)
Tetanus Immune Globulin (Human)

17 LEDERLE LABORATORIES DIVISION, AMERICAN CYANAMID CO. (Continued)

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Histoplasmin
Lymphogranuloma Venereum Antigen
Tuberculin
Old

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Fy^a Serum (Anti-Duffy)
Anti-Human Serum
Anti-K Serum (Anti-Kell)
Anti-M Serum
Anti-N Serum
Anti-Rh Typing Serums:
Anti-Rho (Anti-D)
Anti-Rho' (Anti-CD)
Anti-Rhorh'rh" (Anti-CDE)
Anti-rh' (Anti-C)
Anti-rhw (Anti-CW)
Anti-rh" (Anti-E)
Anti-hr' (Anti-c)
Anti-hr" (Anti-e)
Anti-s Serum

MISCELLANEOUS

Allergenic Extracts
Streptokinase-Streptodornase
Trichinella Extract

MULTIPLE ANTIGEN PREPARATIONS

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

THERAPEUTIC IMMUNE SERUMS

Antirabies Serum

TOXOIDS AND TOXINS FOR IMMUNIZATION

Staphylococcus Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

17 LEDERLE LABORATORIES DIVISION, AMERICAN CYANAMID CO. (Continued)

VIRAL AND RICKETTSIAL VACCINES

Influenza Virus Vaccine
Measles Virus Vaccine, Live, Attenuated
Mumps Vaccine
Poliovirus Vaccine, Live, Oral, Trivalent
Poliovirus Vaccine, Live, Oral, Type 1
Poliovirus Vaccine, Live, Oral, Type 2
Poliovirus Vaccine, Live, Oral, Type 3
Rabies Vaccine
Rocky Mountain Spotted Fever Vaccine
Smallpox Vaccine
Typhus Vaccine

21 SWISS SERUM AND VACCINE INSTITUTE BERNE, Berne, Switzerland

ANTITOXINS

Tetanus Antitoxin

TOXOIDS AND TOXINS FOR IMMUNIZATION

Tetanus Toxoid Adsorbed

43 ABBOTT LABORATORIES, North Chicago, Illinois, with locations at:
North Chicago, Ill., & Los Angeles, Calif.

BLOOD AND BLOOD DERIVATIVES

Aggregated Radio-Iodinated (I^{131}) Albumin (Human)
Antihemophilic Factor (Human)
Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Plasma Protein Fraction (Human)
Radio-Iodinated (I^{125}) Serum Albumin (Human)
Radio-Iodinated (I^{131}) Serum Albumin (Human)
Tetanus Immune Globulin (Human)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A, B Blood Grouping Serum
Anti-Fy^a Serum (Anti-Duffy)
Anti-Human Serum
Anti-M Serum

43 ABBOTT LABORATORIES (Continued)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS (Continued)

Anti-Rh Typing Serums:

Anti-Rh_o (Anti-D)
Anti-Rh_o' (Anti-CD)
Anti-Rh_o" (Anti-DE)
Anti-Rh_{oh}'rh" (Anti-CDE)
Anti-rh' (Anti-C)
Anti-rh" (Anti-E)
Anti-hr' (Anti-c)
Anti-hr" (Anti-e)

Hepatitis Associated Antibody (Anti-Australia Antigen)
Reagent Red Blood Cells (Human)

51 THE UPJOHN CO., Kalamazoo, Michigan

BLOOD AND BLOOD DERIVATIVES
Thrombin

52 E. R. SQUIBB & SONS, INC., New Brunswick, New Jersey

BLOOD AND BLOOD DERIVATIVES

Aggregated Radio-Iodinated (I¹³¹) Albumin (Human)
Antihemophilic Factor (Human)
Fibrinogen (Human)
Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Radio-Chromated (Cr⁵¹) Serum Albumin (Human)
Radio-Iodinated (I¹²⁵) Serum Albumin (Human)
Radio-Iodinated (I¹³¹) Serum Albumin (Human)
Tetanus Immune Globulin (Human)

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS
Lymphogranuloma Venereum Antigen*DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS*

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A, B Blood Grouping Serum
Anti-Fy^a Serum (Anti-Duffy)
Anti-K Serum (Anti-Kell)
Anti-k Serum (Anti-Cellano)
Anti-Human Serum
Anti-M Serum
Anti-N Serum

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

52 E. R. SQUIBB & SONS, INC. (Continued)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS (Continued)

Anti-Rh Typing Serums:

Anti-Rh_o (Anti-D)
Anti-Rh_{o'} (Anti-CD)
Anti-Rh_{o''} (Anti-DE)
Anti-Rh_{oRh'rh''} (Anti-CDE)
Anti-rh' (Anti-C)
Anti-rh'' (Anti-E)
Anti-hr' (Anti-c)
Anti-hr'' (Anti-e)
Anti-rhw (Anti-Cw)

Reagent Red Blood Cells (Human)

56 ELI LILLY AND CO., Indianapolis, Indiana

ANTITOXINS

Diphtheria Antitoxin
Tetanus Antitoxin

BACTERIAL ANTIGENS

Two Polyvalent bacterial antigens with "No U.S.
Standard of Potency"

BACTERIAL VACCINES

Cholera Vaccine
Pertussis Vaccine
Six Polyvalent bacterial vaccines with "No U.S.
Standard of Potency"
Typhoid Vaccine

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Diphtheria Toxin for Schick Test
Mumps Skin Test Antigen
Tuberculin
Old

MISCELLANEOUS

Allergenic Extracts

MULTIPLE ANTIGEN PREPARATIONS

Diphtheria and Tetanus Toxoids
Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
and Poliomyelitis Vaccine
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

56 ELI LILLY AND CO. (Continued)

TOXOIDS AND TOXINS FOR IMMUNIZATION

Tetanus Toxoid
Tetanus Toxoid Adsorbed

VIRAL AND RICKETTSIAL VACCINES

Influenza Virus Vaccine
Measles Virus Vaccine, Live, Attenuated
Mumps Vaccine
Poliomyelitis Vaccine
Rabies Vaccine
Smallpox Vaccine
Typhus Vaccine

64 MASSACHUSETTS PUBLIC HEALTH BIOLOGIC LABORATORIES,
Boston, Massachusetts*ANTITOXINS*

Diphtheria Antitoxin
Tetanus Antitoxin

BACTERIAL VACCINES

Typhoid Vaccine

BLOOD AND BLOOD DERIVATIVES

Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Rh_O (D) Immune Serum Globulin (Human)
Tetanus Immune Globulin (Human)

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Diphtheria Toxin for Schick Test
Schick Test Control
Tuberculin
Old

MULTIPLE ANTIGEN PREPARATIONS

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

VIRAL AND RICKETTSIAL VACCINES

Smallpox Vaccine

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

73 CONNAUGHT LABORATORIES LIMITED, Willowdale, Ontario, Canada

ANTITOXINS

Botulism Antitoxin
Diphtheria Antitoxin
Staphylococcus Antitoxin
Tetanus Antitoxin

BACTERIAL VACCINES

BCG Vaccine

BLOOD AND BLOOD DERIVATIVES

Normal Serum Albumin (Human)

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Tuberculin
Purified Protein Derivative

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid
Tetanus Toxoid

VIRAL AND RICKETTSIAL VACCINES

Poliomyelitis Vaccine
Smallpox Vaccine

77 MALLINCKRODT CHEMICAL WORKS, Maryland Heights, Missouri

BLOOD AND BLOOD DERIVATIVES

Aggregated Radio-Iodinated (I^{131}) Albumin (Human)
Radio-Iodinated (I^{125}) Serum Albumin (Human)
Radio-Iodinated (I^{131}) Serum Albumin (Human)

91 HOLLISTER-STIER LABORATORIES, Spokane, Washington, with locations at:
Downers Grove, Ill., Atlanta, Ga., Yeadon, Pa.

BACTERIAL VACCINES

One Polyvalent bacterial vaccines with "No U.S.
Standard of Potency"

MISCELLANEOUS

Allergenic Extracts
Poison Ivy Extract
Poison Ivy-Poison Oak Extracts Combined
Poison Oak Extract

97 BEHRINGWERKE AG., Marburg-Lahn, Germany

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum

MISCELLANEOUS

Streptokinase-Streptodornase

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid Adsorbed
Tetanus Toxoid Adsorbed

99 BUREAU OF LABORATORIES, MICHIGAN DEPARTMENT OF PUBLIC HEALTH,
Lansing, Michigan*ANTITOXINS*

Diphtheria Antitoxin
Tetanus Antitoxin

BACTERIAL VACCINES

Anthrax Vaccine Adsorbed
Pertussis Vaccine
Pertussis Vaccine Adsorbed
Typhoid Vaccine

BLOOD AND BLOOD DERIVATIVES

Fibrinogen (Human)
Immune Serum Globulin (Human)
Normal Horse Serum
Normal Rabbit Serum
Normal Serum Albumin (Human)
Tetanus Immune Globulin (Human)
Whole Blood (Human)
ACD

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Diphtheria Toxin for Schick Test
Histoplasmin
Schick Test Control
Tuberculin
Old

MULTIPLE ANTIGEN PREPARATIONS

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed

THERAPEUTIC IMMUNE SERUMS

Anti-*Hemophilus influenzae* Type b Serum

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

99 BUREAU OF LABORATORIES, MICHIGAN DEPARTMENT OF PUBLIC HEALTH
(Continued)

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid Adsorbed
Tetanus Toxoid Adsorbed

VIRAL AND RICKETTSIAL VACCINES

Rabies Vaccine
Smallpox Vaccine

101 MERRELL-NATIONAL LABORATORIES, DIVISION OF RICHARDSON-MERRELL INC.,
Cincinnati, Ohio, with locations at: Philadelphia, Pa.,
Swiftwater, Pa.

ANTITOXINS

Diphtheria Antitoxin
Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin

BACTERIAL VACCINES

Cholera Vaccine
Pertussis Vaccine
Typhoid Vaccine

MULTIPLE ANTIGEN PREPARATIONS

Diphtheria and Tetanus Toxoids and Pertussis Vaccine
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

VIRAL AND RICKETTSIAL VACCINES

Influenza Virus Vaccine
Rabies Vaccine
Smallpox Vaccine
Yellow Fever Vaccine

102 MULFORD COLLOID LABORATORIES DIVISION OF LEMMON PHARMACAL CO.,
Sellersville, Pennsylvania

MISCELLANEOUS

Poison Ivy Extract

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

103

ALLERGY LABORATORIES, INC., Oklahoma City, Oklahoma

MISCELLANEOUS

Allergenic Extracts

110

THE DOW CHEMICAL CO., Zionsville, Indiana

BACTERIAL VACCINES

Pertussis Vaccine
Typhoid Vaccine

BLOOD AND BLOOD DERIVATIVES

Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Rho(D) Immune Globulin (Human)
Tetanus Immune Globulin (Human)

MULTIPLE ANTIGEN PREPARATIONS

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria Toxoid and Pertussis Vaccine Adsorbed

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

VIRAL AND RICKETTSIAL VACCINES

Influenza Virus Vaccine
Measles Virus Vaccine, Live, Attenuated
Poliomyelitis Vaccine

113

MICHAEL REESE RESEARCH FOUNDATION, Chicago, Illinois

BLOOD AND BLOOD DERIVATIVES

Antihemophilic Plasma (Human)
Normal Human Plasma
Normal Human Serum
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

119

BARRY LABORATORIES, INC., Pompano Beach, Florida

MISCELLANEOUS

Allergenic Extracts
Poison Ivy Extract
Poison Ivy-Oak-Sumac Extracts Combined
Poison Sumac Extract

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

121

TEXAS STATE DEPARTMENT OF HEALTH, Austin, Texas

BACTERIAL VACCINES

Pertussis Vaccine
Typhoid Vaccine

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Diphtheria Toxin for Schick Test
Schick Test Control
Tuberculin
O1d

MULTIPLE ANTIGEN PREPARATIONS

Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Tetanus Toxoid
Tetanus Toxoid Adsorbed

VIRAL AND RICKETTSIAL VACCINES

Rabies Vaccine

125

HYNSON, WESTCOTT AND DUNNING, Baltimore, Maryland

MISCELLANEOUS

Cobra Venom Solution
Cobra Venom with Silicic and Formic Acids

129

WELLCOME FOUNDATION LTD., WELLCOME RESEARCH LABORATORIES,
Beckenham, Kent, England

ANTITOXINS

Gas Gangrene Polyvalent Antitoxin
Tetanus Antitoxin

136

HOFFMANN-LA ROCHE INC., Nutley, New Jersey

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-Human Chorionic Gonadotrophic Serum

139

THE PHILADELPHIA BLOOD CENTER, Philadelphia, Pennsylvania

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

139 THE PHILADELPHIA BLOOD CENTER (Continued)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Human Serum
Anti-K Serum (Anti-Kell)
Anti-M Serum
Anti-N Serum
Anti-Rh Typing Serums:
 Anti-Rh₀ (Anti-D)
 Anti-Rh₀rh'rh" (Anti-CDE)
 Anti-rh' (Anti-C)
 Anti-rh" (Anti-E)
 Anti-hr' (Anti-c)
 Anti-hr" (Anti-e)
Reagent Red Blood Cells (Human)

140 TRAVENOL LABORATORIES, Costa Mesa, California, with locations at:
Los Angeles, Calif., Costa Mesa, Calif., Morton Grove, Ill.,
Cleveland, Miss.*BACTERIAL ANTIGENS*

Pseudomonas Polysaccharide

BLOOD AND BLOOD DERIVATIVES

Antihemophilic Factor (Human)
Antihemophilic Plasma (Human)
Factor IX Complex (Human)
Fibrinogen (Human)
Immune Serum Globulin (Human)
Measles Immune Globulin (Human)
Mumps Immune Globulin (Human)
Normal Serum Albumin (Human)
Pertussis Immune Globulin (Human)
Plasma Protein Fraction (Human)
Red Blood Cells (Human)
Tetanus Immune Globulin (Human)
Vaccinia Immune Globulin (Human)
Whole Blood (Human)
ACD
CPD

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Fy_a Serum (Anti-Duffy)
Anti-Human Chorionic Gonadotrophic Serum
Anti-Human Serum

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

140

TRAVENOL LABORATORIES (Continued)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS (Continued)

Anti-I Serum
Anti-K Serum (Anti-Kell)
Anti-Le^a Serum (Anti-Lewis)
Anti-M Serum
Anti-N Serum
Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho' (Anti-CD)
 Anti-Rho" (Anti-DE)
 Anti-Rh₀rh'rh" (Anti-CDE)
 Anti-rh' (Anti-C)
 Anti-rh" (Anti-E)
 Anti-hr' (Anti-c)
 Anti-hr" (Anti-e)
 Anti-rhw (Anti-CW)
Anti-S Serum
Anti-s Serum

Blood Grouping and Typing Serums

For Use In Automated Systems:

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Rho (Anti-D) Typing Serum
Anti-Rho' (Anti-CD) Typing Serum
Anti-Rho" (Anti-DE) Typing Serum
Anti-Rh₀rh'rh" (Anti-CDE) Typing Serum

Haemophilus influenzae Typing Serum

Hepatitis Associated Antibody (Anti-Australia Antigen)

Reagent Red Blood Cells (Human)

147

ENDO LABORATORIES, INC., Garden City, New York

MISCELLANEOUS

Allergenic Extracts

149

ARMOUR PHARMACEUTICAL CO., Phoenix, Arizona
with locations at: Chicago, Ill., Kankakee, Ill.

BLOOD AND BLOOD DERIVATIVES

Antihemophilic Factor (Human)
Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Plasma Protein Fraction (Human)
Tetanus Immune Globulin (Human)

149 ARMOUR PHARMACEUTICAL CO. (Continued)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Human Serum
Anti-K Serum (Anti-Kell)
Anti-Le^a Serum (Anti-Lewis)
Anti-M Serum
Anti-N Serum
Anti-Rh Typing Serums:
 Anti-Rh_o (Anti-D)
 Anti-Rh_o' (Anti-CD)
 Anti-Rh_o" (Anti-DE)
 Anti-Rh_orh'rh" (Anti-CDE)
 Anti-rh' (Anti-C)
 Anti-rh" (Anti-E)
 Anti-hr' (Anti-c)
 Anti-hr" (Anti-e)

Blood Grouping and Typing Serums

For Use In Automated Systems:

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Rh_o' (Anti-CD) Typing Serum
Anti-Rh_o" (Anti-DE) Typing Serum
Anti-Rh_orh'rh" (Anti-CDE) Typing Serum
Anti-hr' (Anti-c) Typing Serum

Anti-U Serum (Anti-Ss)

Reagent Red Blood Cells (Human)

MISCELLANEOUS

Blood Group Specific Substance A
Blood Group Specific Substance B
Blood Group Specific Substances A and B

152 GOTHAM PHARMACEUTICAL CO., INC., Brooklyn, New York

MISCELLANEOUS

Allergenic Extracts

154 JOHN ELLIOTT BLOOD BANK, INC., Miami, Florida

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

156 ORTHO PHARMACEUTICAL CORP., Raritan, New Jersey

BLOOD AND BLOOD DERIVATIVES

Fibrinogen (Human)
Fibrinolysin (Human)
Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Profibrinolysin (Human)
Rh₀(D) Immune Globulin (Human)
Thrombin

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Fya Serum (Anti-Duffy)
Anti-Human Chorionic Gonadotropic Serum
Anti-Human Serum
Anti-K Serum (Anti-Kell)
Anti-k Serum (Anti-Cellano)
Anti-M Serum
Anti-N Serum
Anti-P Serum
Anti-Rh Typing Serums:
Anti-Rho (Anti-D)
Anti-Rho' (Anti-CD)
Anti-Rho" (Anti-DE)
Anti-Rhorh'rh" (Anti-CDE)
Anti-rh' (Anti-C)
Anti-rh" (Anti-E)
Anti-hr' (Anti-c)
Anti-hr" (Anti-e)
Anti-rhw (Anti-Cw)
Anti-S Serum
Anti-s Serum
Hepatitis Associated Antibody (Anti-Australia Antigen)
Reagent Red Blood Cells (Human)

164 PFIZER INC., Groton, Connecticut

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Dia Serum (Anti-Diego)
Anti-Fya Serum (Anti-Duffy)
Anti-Fyb Serum
Anti-Human Serum
Anti-Jka Serum (Anti-Kidd)
Anti-Jkb Serum
Anti-K Serum (Anti-Kell)
Anti-Kpa Serum (Anti-Penney)
Anti-Kpb Serum (Anti-Rautenberg)
Anti-k Serum (Anti-Cellano)
Anti-Lea Serum (Anti-Lewis)
Anti-Lua Serum (Anti-Lutheran)
Anti-M Serum
Anti-N Serum
Anti-P Serum
Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho' (Anti-CD)
 Anti-Rho" (Anti-DE)
 Anti-Rhorh'rh" (Anti-CDE)
 Anti-rh' (Anti-C)
 Anti-rh" (Anti-E)
 Anti-hr' (Anti-c)
 Anti-hr" (Anti-e)
 Anti-hrv (Anti-V)
 Anti-rhw (Anti-Cw)
Anti-S Serum
Anti-s Serum
Anti-U Serum (Anti-Ss)
Hepatitis Associated Antibody (Anti-Australia Antigen)
Reagent Red Blood Cells (Human)

MISCELLANEOUS

Blood Group Specific Substance A
Blood Group Specific Substance B

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

165 BLOOD BANK FOUNDATION, Nashville, Tennessee

BLOOD AND BLOOD DERIVATIVES

Antihemophilic Plasma (Human)
Normal Human Plasma
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

166 BELLE BONFILS MEMORIAL BLOOD CENTER, Denver, Colorado

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Fy^a Serum (Anti-Duffy)
Anti-K Serum (Anti-Ke¹¹)
Anti-Rh Typing Serums:
 Anti-Rh_o (Anti-D)
 Anti-Rh_{o'} (Anti-CD)
 Anti-rh["] (Anti-E)
 Anti-hr['] (Anti-c)
 Anti-hr["] (Anti-e)

167 J. K. AND SUSIE L. WADLEY RESEARCH INSTITUTE AND BLOOD BANK,
Dallas, Texas

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

168 MOUNT SINAI HOSPITAL MEDICAL CENTER, Chicago, Illinois

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Whole Blood (Human)
ACD

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

168 MOUNT SINAI HOSPITAL MEDICAL CENTER (Continued)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Human Serum
Anti-M Serum
Anti-N Serum
Anti-Rh Typing Serums:
 Anti-Rh_o (Anti-D)
Reagent Red Blood Cells (Human)

169 CHICAGO BLOOD DONOR SERVICE, INC., Chicago, Illinois

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
 ACD
 CPD
 Heparin

170 JACKSON BLOOD BANK, INC., Jackson, Tennessee

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
 ACD

173 INTERSTATE BLOOD BANK, INC., Memphis, Tennessee

BLOOD AND BLOOD DERIVATIVES

Single Donor Plasma (Human)
Whole Blood (Human)
 ACD
 Heparin

175 INTER-COUNTY BLOOD BANKS, INC., Rockville Centre, New York

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Whole Blood (Human)
 ACD

178 CALIFORNIA TRANSFUSION SERVICE, Los Angeles, California

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
 ACD

179 DADE DIVISION OF AMERICAN HOSPITAL SUPPLY CORPORATION,
Miami, Florida

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Dia Serum (Anti-Diego)
Anti-Fya Serum (Anti-Duffy)
Anti-Fyb Serum
Anti-Human Serum
Anti-Jka Serum (Anti-Kidd)
Anti-K Serum (Anti-Kell)
Anti-Kpa Serum (Anti-Penney)
Anti-k (Anti-Cellano)
Anti-Lea Serum (Anti-Lewis)
Anti-Leb Serum
Anti-M Serum
Anti-Mg Serum
Anti-N Serum
Anti-P Serum
Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho' (Anti-CD)
 Anti-Rho" (Anti-DE)
 Anti-Rhorh'rh" (Anti-CDE)
 Anti-rh' (Anti-C)
 Anti-rh" (Anti-E)
 Anti-hr' (Anti-c)
 Anti-hr" (Anti-e)
 Anti-rhw (Anti-Cw)
Anti-S Serum
Anti-s Serum
Anti-Xga Serum

Blood Grouping and Typing Serums
For Use in Automated Systems:

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Rho (Anti-D) Typing Serum
Anti-Rho' (Anti-CD) Typing Serum
Anti-Rho" (Anti-DE) Typing Serum
Anti-Rhorh'rh" (Anti-CDE) Typing Serum

Reagent Red Blood Cells (Human)

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

181 JACKSONVILLE BLOOD BANK, INC., Jacksonville, Florida

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Whole Blood (Human)
ACD

182 IRWIN MEMORIAL BLOOD BANK OF THE SAN FRANCISCO MEDICAL SOCIETY,
San Francisco, California

BLOOD AND BLOOD DERIVATIVES
Cryoprecipitated Antihemophilic Factor (Human)
Normal Human Plasma
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin
Modified - Antihemophilic Factor Removed

183 BLOOD SERVICES, Scottsdale, Arizona, with locations at:

Albuquerque, N.M.	Lubbock, Tex.
Billings, Mont.	Meridian, Miss.
Cheyenne, Wyo.	Minot, N.D.
El Paso, Tex.	New Orleans, La.
Fargo, N.D.	Phoenix, Ariz.
Fort Smith, Ark.	Rapid City, S.D.
Harlingen, Tex.	Reno, Nev.
Houston, Tex.	San Angelo, Tex.
Lafayette, La.	San Antonio, Tex.
Las Vegas, Nev.	Texarkana, Tex.

BLOOD AND BLOOD DERIVATIVES
Cryoprecipitated Antihemophilic Factor (Human)
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Modified - Antihemophilic Factor Removed

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

185 MINNEAPOLIS WAR MEMORIAL BLOOD BANK, Minneapolis, Minnesota

BLOOD AND BLOOD DERIVATIVES

Normal Human Plasma
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Rh Typing Serums:
Anti-Rh_o (Anti-D)
Anti-Rh_{o'} (Anti-CD)
Anti-rh_{o'} (Anti-C)
Anti-rh_" (Anti-E)
Anti-hr_' (Anti-c)

187 MILWAUKEE BLOOD CENTER, INC., Milwaukee, Wisconsin

BLOOD AND BLOOD DERIVATIVES

Cryoprecipitated Antihemophilic Factor (Human)
Normal Human Plasma
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

188 RESEARCH FOUNDATION AND UNIVERSITY OF ILLINOIS, Chicago, Illinois

BACTERIAL VACCINES

BCG Vaccine

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

190 THE AMERICAN NATIONAL RED CROSS, Washington, D.C.,
with locations at:

Albany, N.Y.	Muskegon, Mich.
Asheville, N.C.	Nashville, Tenn.
Atlanta, Ga.	New Brighton, Pa.
Baltimore, Md.	New York, N.Y.
Birmingham, Ala.	Norfolk, Va.
Boise, Idaho	Omaha, Nebr.
Boston, Mass.	Peoria, Ill.
Buffalo, N.Y.	Philadelphia, Pa.
Burlington, Vt.	Portland, Oreg.
Charleston, S.C.	Rio Piedras, P.R.
Charlotte, N.C.	Roanoke, Va.
Chicago, Ill.	Rochester, N.Y.
Cleveland, Ohio	Salt Lake City, Utah
Columbia, S.C.	San Jose, Calif.
Columbus, Ohio	Savannah, Ga.
Daytona Beach, Fla.	Springfield, Mo.
Detroit, Mich.	St. Louis, Mo.
Flint, Mich.	St. Paul, Minn.
Fort Wayne, Ind.	Syracuse, N.Y.
Galesburg, Ill.	Toledo, Ohio
Great Falls, Mont.	Tulsa, Okla.
Hartford, Conn.	Tucson, Ariz.
Huntington, W.Va.	Waco, Tex.
Johnstown, Pa.	Washington, D.C.
Lansing, Mich.	Waterloo, Iowa
Little Rock, Ark.	Wichita Falls, Tex.
Los Angeles, Calif.	Wichita, Kans.
Louisville, Ky.	Wilkes-Barre, Pa.
Madison, Wis.	Yakima, Wash.
Mobile, Ala.	

BLOOD AND BLOOD DERIVATIVES

Cryoprecipitated Antihemophilic Factor (Human)

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

CPD

Heparin

Modified - Antihemophilic Factor Removed

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

191 BLOOD BANK OF THE ALAMEDA-CONTRA COSTA MEDICAL ASSOCIATION,
Oakland, California

BLOOD AND BLOOD DERIVATIVES

Cryoprecipitated Antihemophilic Factor (Human)
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

192 KING COUNTY CENTRAL BLOOD BANK, INC., Seattle, Washington,
with location at Seattle, Wash.

BLOOD AND BLOOD DERIVATIVES

Normal Human Plasma
Whole Blood (Human)
ACD

193 CENTER LABORATORIES, INC., Port Washington, New York

MISCELLANEOUS

Allergenic Extracts
Allergenic Extracts Alum Precipitated

194 SACRAMENTO MEDICAL FOUNDATION BLOOD BANK, Sacramento, California

BLOOD AND BLOOD DERIVATIVES

Cryoprecipitated Antihemophilic Factor (Human)
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

195 PENINSULA MEMORIAL BLOOD BANK, Burlingame, California

BLOOD AND BLOOD DERIVATIVES

Cryoprecipitated Antihemophilic Factor (Human)
Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD
Modified - Antihemophilic Factor Removed

197 SONOMA COUNTY COMMUNITY BLOOD BANK, Santa Rosa, California

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

198 TRI-COUNTIES BLOOD BANK, INC., Santa Barbara, California

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

199 BLOOD BANK OF HAWAII, Honolulu, Hawaii

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

201 SAN DIEGO BLOOD BANK, San Diego, California

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

202 TACOMA-PIERCE COUNTY BLOOD BANK, Tacoma, Washington

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

203 SPOKANE & INLAND EMPIRE BLOOD BANK, Spokane, Washington

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

204 VIRGINIA BLOOD BANK, INC., Richmond, Virginia

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

209 MAXWELL BLOOD BANK, THE CHILDREN'S MEMORIAL HOSPITAL,
Chicago, Illinois

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

212 DISTRICT OF COLUMBIA GENERAL HOSPITAL, Washington, D.C.

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD
Heparin

213 BLOOD BANK OF THE WASHINGTON HOSPITAL CENTER, Washington, D.C.

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
CPD

214 DOCTORS HOSPITAL BLOOD BANK, Washington, D.C.

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
CPD

215 BLOOD GROUPING LABORATORY, Washington, D.C.

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD

218 PROVIDENCE HOSPITAL BLOOD BANK, Washington, D.C.

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

220 BROOME COUNTY BLOOD CENTER, Binghamton, New York

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
CPD

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

221 ESSEX COUNTY BLOOD BANK, East Orange, New Jersey

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

222 AURORA AREA BLOOD BANK, Aurora, Illinois

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

224 COMMUNITY BLOOD AND PLASMA SERVICE, INC., Birmingham, Alabama,
with locations at:
Mobile, Ala. Jackson, Miss.
New York, N.Y. Columbus, Ga.

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

226 BLOOD BANK OF SAN BERNARDINO AND RIVERSIDE COUNTIES, INC.,
San Bernardino, California

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

227 CENTRAL FLORIDA BLOOD BANK, INC., Orlando, Florida,
with locations at: Eustis, Fla., Rockledge, Fla.

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

228 SOUTHWEST FLORIDA BLOOD BANK, INC., Tampa, Florida

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

230 NORTHERN CALIFORNIA COMMUNITY BLOOD BANK, Eureka, California

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

CPD

231 DUBUQUE BLOOD BANK ASSOCIATION, Dubuque, Iowa

BLOOD AND BLOOD DERIVATIVES

Cryoprecipitated Antihemophilic Factor (Human)

Red Blood Cells (Human)

Whole Blood (Human)

ACD

CPD

233 OCHSNER FOUNDATION HOSPITAL BLOOD BANK, New Orleans, Louisiana

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

CPD

234 CENTRAL BLOOD BANK OF PITTSBURGH, Pittsburgh, Pennsylvania

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

CPD

235 UNIVERSITY OF CINCINNATI BLOOD TRANSFUSION SERVICE,
Cincinnati, Ohio

BLOOD AND BLOOD DERIVATIVES

Cryoprecipitated Antihemophilic Factor (Human)

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Modified - Antihemophilic Factor Removed

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-Rh Typing Serums:

Anti-Rho (Anti-D)

Reagent Red Blood Cells (Human)

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

237 SHREVEPORT EMERGENCY BLOOD BANK, INC., Shreveport, Louisiana

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

CPD

238 ISTITUTO SIEROTERAPICO VACCINOGENO TOSCANO SCLAVO, Siena, Italy

ANTITOXINS

Diphtheria Antitoxin

Tetanus Antitoxin

THERAPEUTIC IMMUNE SERUMS

Antirabies Serum

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid

Diphtheria Toxoid Adsorbed

Staphylococcus Toxoid

Tetanus Toxoid

Tetanus Toxoid Adsorbed

239 HOUCHIN COMMUNITY BLOOD BANK, Bakersfield, California

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

CPD

240 MEMPHIS BLOOD CENTER, INC., Memphis, Tennessee

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Heparin

241 COMMUNITY BLOOD AND PLASMA SERVICE, INC., OF TEXAS, Houston, Texas,
with locations at: Dallas, Tex., Los Angeles, Calif.*BLOOD AND BLOOD DERIVATIVES*

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

Heparin

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

244 TRAVIS COUNTY MEDICAL SOCIETY BLOOD BANK, Austin, Texas

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

CPD

246 COFFEE MEMORIAL BLOOD CENTER, INC., Amarillo, Texas

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

CPD

248 SOUTH BEND MEDICAL FOUNDATION, INC., South Bend, Indiana

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

CPD

249 NORTHERN ILLINOIS BLOOD BANK, Rockford, Illinois

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

CPD

251 JACOB BLUMBERG MEMORIAL BLOOD BANK, INC., OF THE LAKE COUNTY MEDICAL SOCIETY, Waukegan, Illinois

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

CPD

254 KNOXVILLE BLOOD CENTER, INC., Knoxville, Tennessee

BLOOD AND BLOOD DERIVATIVES

Cryoprecipitated Antihemophilic Factor (Human)

Red Blood Cells (Human)

Single Donor Plasma (Human)

Whole Blood (Human)

ACD

CPD

Heparin

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

258 OESTERREICHISCHES INSTITUT FUER HAEMODERIVATE G.M.B.H.,
Vienna, Austria

BLOOD AND BLOOD DERIVATIVES

Immune Serum Globulin (Human)
Normal Serum Albumin (Human)
Plasma Protein Fraction (Human)
Tetanus Immune Globulin (Human)

259 HOLSTON VALLEY COMMUNITY HOSPITAL BLOOD BANK, Kingsport, Tennessee

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

261 HOSPITAL BLOOD SERVICE, INC., Detroit, Michigan

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

263 THE COMMUNITY BLOOD BANK OF NORTON, INC., Norton, Virginia

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

265 W. E. AND LELA I. STEWART BLOOD CENTER, INC., Tyler, Texas

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

266 BLOOD BANK OF THE BRYN MAWR HOSPITAL, Bryn Mawr, Pennsylvania

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

267 BLOOD BANK OF ST. LUKE'S HOSPITAL (DULUTH), Duluth, Minnesota

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

268 INTERSTATE BLOOD BANK, INC., St. Louis, Missouri

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
Heparin

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

269 BEVERLY BLOOD CENTER, INC., Chicago, Illinois

BLOOD AND BLOOD DERIVATIVES

 Cryoprecipitated Antihemophilic Factor (Human)
 Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 CPD
 Heparin

270 MARIETTA MEMORIAL HOSPITAL, Marietta, Ohio

BLOOD AND BLOOD DERIVATIVES

 Red Blood Cells (Human)
 Whole Blood (Human)
 ACD
 CPD

271 ST. LUKE'S MEMORIAL HOSPITAL BLOOD BANK, Racine, Wisconsin

BLOOD AND BLOOD DERIVATIVES

 Whole Blood (Human)
 ACD
 CPD

272 MICHIGAN COMMUNITY BLOOD CENTER, Detroit, Michigan,
 with locations at: Grand Rapids, Mich., Saginaw, Mich.

BLOOD AND BLOOD DERIVATIVES

 Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 CPD
 Heparin
 Modified - Antihemophilic Factor Removed

273 OKLAHOMA CITY COMMUNITY BLOOD BANK, INC., Oklahoma City, Oklahoma

BLOOD AND BLOOD DERIVATIVES

 Whole Blood (Human)
 ACD

274 BERGEN COMMUNITY REGIONAL BLOOD CENTER, Paramus, New Jersey

BLOOD AND BLOOD DERIVATIVES

 Red Blood Cells (Human)
 Single Donor Plasma (Human)
 Whole Blood (Human)
 ACD
 Heparin

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

276 WESTERN PENNSYLVANIA BLOOD CENTER, INC., Pittsburgh, Pennsylvania

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

278 PIONEER BLOOD SERVICE, INC., Bronx, New York

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

283 HOFFMANN LABORATORIES, INC., Fair Lawn, New Jersey

BACTERIAL ANTIGENS
One Bacterial antigen with "No U.S. Standard of Potency"
Five Polyvalent bacterial antigens with "No U.S.
Standard of Potency"

284 RHODE ISLAND HOSPITAL BLOOD BANK, Providence, Rhode Island

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
CPD

286 EDGEWATER HOSPITAL BLOOD BANK, Chicago, Illinois

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

288 DELTA BLOOD BANK, Stockton, California

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
CPD

289 HOSPITAL UNIVERSITY OF PENNSYLVANIA BLOOD BANK,
Philadelphia, Pennsylvania

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Frozen
Single Donor Plasma (Human)
Whole Blood (Human)
ACD

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

289 HOSPITAL UNIVERSITY OF PENNSYLVANIA BLOOD BANK (Continued)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Human Serum
Anti-K Serum (Anti-Kell)
Anti-Rh Typing Serums:
 Anti-Rh_o (Anti-D)

Blood Grouping and Typing Serums

For Use in Automated Systems:

 Anti-A Blood Grouping Serum
 Anti-B Blood Grouping Serum
 Anti-A,B Blood Grouping Serum
 Anti-Rh_o (Anti-D) Typing Serum

290 SOUTH GEORGIA MEDICAL CENTER, VALDOSTA-LOWNDES COUNTY HOSPITAL AUTHORITY, Valdosta, Georgia

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
 ACD
 CPD

296 MIDWEST BLOOD SERVICE, INC., Detroit, Michigan

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
 ACD

298 LEWISTON-CLARKSTON BLOOD BANK, Lewiston, Idaho

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
 ACD

299 DELMONT LABORATORIES, INC., Swarthmore, Pennsylvania

BACTERIAL ANTIGENS

One Polyvalent bacterial antigen with "No U.S. Standard of Potency"

300 MASSACHUSETTS GENERAL HOSPITAL, Boston, Massachusetts

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
 Frozen
Whole Blood (Human)
 ACD

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

301 CLEVELAND BIOLOGICALS, INC., Cleveland, Ohio, with location at:
Akron, Ohio

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
CPD
Heparin

302 COMMUNITY BLOOD CENTER OF GREATER KANSAS CITY,
Kansas City, Missouri

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

304 LANE MEMORIAL BLOOD BANK, Eugene, Oregon

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
CPD

305 INTERSTATE BLOOD BANK, INC., OF CHICAGO, ILLINOIS,
Chicago, Illinois

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

306 PUREX LABORATORIES, INC., Hanover, New Jersey

MISCELLANEOUS
Allergenic Extracts

308 GREER LABORATORIES, INC., Lenoir, North Carolina

MISCELLANEOUS
Allergenic Extracts

309 SUBURBAN HOSPITAL BLOOD BANK, Bethesda, Maryland

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
Modified - Antihemophilic Factor Removed

LICENSE NO.	ESTABLISHMENTS AND PRODUCTS
310	ARLINGTON HOSPITAL BLOOD BANK, Arlington, Virginia <i>BLOOD AND BLOOD DERIVATIVES</i> Whole Blood (Human) ACD
312	WORLD BLOOD BANK, INC., Tulsa, Oklahoma <i>BLOOD AND BLOOD DERIVATIVES</i> Whole Blood (Human) ACD Heparin
313	SOUTHEASTERN GENERAL HOSPITAL, INC., Lumberton, North Carolina <i>BLOOD AND BLOOD DERIVATIVES</i> Whole Blood (Human) ACD CPD
314	BLOOD BANK, N. C. MEMORIAL HOSPITAL, UNIVERSITY OF NORTH CAROLINA, Chapel Hill, North Carolina <i>BLOOD AND BLOOD DERIVATIVES</i> Red Blood Cells (Human) Whole Blood (Human) ACD CPD
315	CENTRAL CALIFORNIA BLOOD BANK, Fresno, California <i>BLOOD AND BLOOD DERIVATIVES</i> Whole Blood (Human) ACD CPD
316	MAINE MEDICAL CENTER BLOOD BANK, Portland, Maine <i>BLOOD AND BLOOD DERIVATIVES</i> Whole Blood (Human) ACD
317	ST. VINCENT HOSPITAL BLOOD BANK, Erie, Pennsylvania <i>BLOOD AND BLOOD DERIVATIVES</i> Whole Blood (Human) ACD
320	GARDEN STATE BLOOD BANK, INC., Newark, New Jersey <i>BLOOD AND BLOOD DERIVATIVES</i> Whole Blood (Human) ACD

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

321 NATIONAL BLOOD PRODUCTS, INC., New York, New York

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

325 A/B KABI, Stockholm, Sweden

MISCELLANEOUS

Streptokinase

326 NEW HANOVER MEMORIAL HOSPITAL BLOOD BANK, Wilmington, North Carolina

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

327 THE ELIZABETH GENERAL HOSPITAL AND DISPENSARY, Elizabeth, New Jersey

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

332 TRI-CITIES BLOOD SERVICE, INC., Johnson City, Tennessee

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

333 CENTRAL BLOOD SERVICE, INC., Baltimore, Maryland, with location at:
Richmond, Virginia

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

334 BERKELEY BIOLOGICALS, Berkeley, California

MISCELLANEOUS

Allergenic Extracts

336 EASTERN BLOOD BANK, Cincinnati, Ohio

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
Heparin

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

337 GLAXO LABORATORIES, LTD., Greenford, Middlesex, England

BACTERIAL VACCINES

BCG Vaccine

338 PFIZER, LTD., Sandwich, Kent, England

VIRAL AND RICKETTSIAL VACCINES

Poliovirus Vaccine, Live, Oral, Trivalent

Poliovirus Vaccine, Live, Oral, Type 1

Poliovirus Vaccine, Live, Oral, Type 2

Poliovirus Vaccine, Live, Oral, Type 3

339 UNITED HOSPITAL CENTER, INC., Clarksburg, West Virginia

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

344 SPECTRA BIOLOGICALS DIVISION BECTON-DICKINSON & CO.
Oxnard, California

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Absorbed Anti-A Serum

Anti-A Blood Grouping Serum

Anti-B Blood Grouping Serum

Anti-A,B Blood Grouping Serum

Anti-Dia Serum (Anti-Diego)

Anti-Fya Serum (Anti-Duffy)

Anti-Fyb Serum

Anti-Human Serum

Anti-Jk^a Serum (Anti-Kidd)

Anti-Jsa Serum (Anti-Sutter)

Anti-K Serum (Anti-Kell)

Anti-Kp^a Serum (Anti-Penney)

Anti-Kpb Serum (Anti-Rautenberg)

Anti-k Serum (Anti-Cellano)

Anti-M Serum

Anti-Mia Serum (Anti-Miltenberger)

Anti-P Serum

Anti-Rh Typing Serums:

Anti-Rho (Anti-D)

Anti-Rho' (Anti-CD)

Anti-Rho" (Anti-DE)

Anti-Rhorh'rh" (Anti-CDE)

Anti-rh' (Anti-C)

Anti-rh" (Anti-E)

Anti-hr' (Anti-c)

Anti-hr" (Anti-e)

Anti-rhW (Anti-CW)

Anti-S Serum

Anti-s Serum

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

344

SPECTRA BIOLOGICALS DIVISION BECTON-DICKINSON & CO. (Continued)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Blood Grouping and Typing Serums
For Use In Automated Systems:
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Rho (Anti-D) Typing Serum
Anti-Rho' (Anti-CD) Typing Serum
Anti-Rho" (Anti-DE) Typing Serum
Anti-Rh₀rh'rh" (Anti-CDE) Typing Serum

Hepatitis Associated Antibody (Anti-Australia Antigen)
Reagent Red Blood Cells (Human)
For Use In Automated Systems

345

SCIENTIFIC BLOOD BANK, INC., Chicago, Illinois

BLOOD AND BLOOD DERIVATIVES

Cryoprecipitated Antihemophilic Factor (Human)
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin
Modified - Antihemophilic Factor Removed

346

OHIO VALLEY BLOOD SERVICE, INC., Evansville, Indiana

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Whole Blood (Human)
ACD

347

BANCO DE SANGRE METROPOLITANO, INC., Santurce, Puerto Rico

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

348

DES MOINES COUNTY MEDICAL SOCIETY BLOOD BANK, INC.,
Burlington, Iowa

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

349

SCHERING CORPORATION, Port Reading, New Jersey

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Fy^a Serum (Anti-Duffy)
Anti-Human Serum
Anti-Jk^a Serum (Anti-Kidd)
Anti-Jk^b Serum
Anti-K Serum (Anti-Kell)
Anti-M Serum
Anti-N Serum
Anti-P Serum
Anti-Rh Typing Serums:
 Anti-Rh_o (Anti-D)
 Anti-Rh_o' (Anti-CD)
 Anti-Rh_o" (Anti-DE)
 Anti-Rh_o'rh'rh" (Anti-CDE)
 Anti-rh' (Anti-C)
 Anti-rh" (Anti-E)
 Anti-hr' (Anti-c)
 Anti-hr" (Anti-e)
 Anti-rh^w (Anti-CW)
Anti-S Serum
Anti-s Serum

Blood Grouping and Typing Serums

For Use In Automated Systems:

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Rh_o (Anti-D) Typing Serum
Anti-Rh_o' (Anti-CD) Typing Serum
Anti-Rh_o" (Anti-DE) Typing Serum

Hepatitis Associated Antibody (Anti-Australia Antigen)

Reagent Red Blood Cells (Human)

For Use In Automated Systems

354

NEW ORLEANS BLOOD BANK, New Orleans, Louisiana

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD
Heparin

355

ALEXANDRIA HOSPITAL BLOOD BANK, Alexandria, Virginia

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

356

DAYTON BIOLOGICALS, INC., Dayton, Ohio

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

CPD

357

GREENVILLE GENERAL HOSPITAL BLOOD BANK, Greenville, South Carolina

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

358

INSTITUTE PLANT EMPLOYEES' BLOOD BANK, UNION CARBIDE CORP.,
Institute, West Virginia

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

359

PRINCETON LABORATORY PRODUCTS CO., Princeton, New Jersey

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-Human Chorionic Gonadotropic Serum

Hepatitis Associated Antibody (Anti-Australia Antigen)

360

MERCED COUNTY GENERAL HOSPITAL BLOOD BANK, Merced, California

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

361

BLOOD BANK OF ALASKA, INC., Anchorage, Alaska

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)

ACD

362

MILES LABORATORIES, INC., Elkhart, Indiana, with location at:
West Haven, Conn.

BLOOD AND BLOOD DERIVATIVES

Radio-Iodinated (1125) Serum Albumin (Human)

Radio-Iodinated (I131) Serum Albumin (Human)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-Human Chorionic Gonadotropic Serum

MISCELLANEOUS

Allergenic Extracts

Allergenic Extracts Alum Precipitated

Poison Ivy Extract Alum Precipitated

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

363 ORGANON, INC., West Orange, New Jersey

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS
Anti-Human Chorionic Gonadotropin Serum

364 BEECHAM GROUP LTD., Worthing, Sussex, England

MISCELLANEOUS
Allergenic Extracts

365 FAIRFAX HOSPITAL BLOOD BANK, Falls Church, Virginia

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

366 SCOTT COUNTY MEDICAL SOCIETY BLOOD BANK, INC., Davenport, Iowa

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

369 HOLY CROSS HOSPITAL OF SILVER SPRING BLOOD BANK,
Silver Spring, Maryland

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

373 ROCK ISLAND COUNTY BLOOD BANK, INC., Rock Island, Illinois

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

374 ATLANTIC CLINICAL LABORATORY BLOOD BANK, INC., Miami Beach, Florida

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
CPD

LICENSE NO.	ESTABLISHMENTS AND PRODUCTS
375	BLOOD BANK OF THE MARYLAND GENERAL HOSPITAL, Baltimore, Maryland
	<i>BLOOD AND BLOOD DERIVATIVES</i>
	Whole Blood (Human)
	ACD
376	PHILIPS ROXANE, INC., St. Joseph, Missouri
	<i>VIRAL AND RICKETTSIAL VACCINES</i>
	Measles Virus Vaccine, Live, Attenuated
	Rubella Virus Vaccine, Live
378	N. V. ORGANON, Oss, The Netherlands
	<i>DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS</i>
	Anti-Human Chorionic Gonadotropic Serum
380	SIBLEY MEMORIAL HOSPITAL, Washington, D.C.
	<i>BLOOD AND BLOOD DERIVATIVES</i>
	Whole Blood (Human)
	ACD
	CPD
	Heparin
382	NYEGAARD & CO. A/S, Oslo, Norway
	<i>BLOOD AND BLOOD DERIVATIVES</i>
	Modified Plasma (Bovine)
383	ADVANCE BIOFACTURES CORPORATION, Lynbrook, New York
	<i>MISCELLANEOUS</i>
	Collagenase
384	INSTITUT MERIEUX, Lyon, France
	<i>DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS</i>
	Tuberculin
	Old
386	COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK, INC., The New York Blood Center, New York, New York
	<i>BLOOD AND BLOOD DERIVATIVES</i>
	Cryoprecipitated Antihemophilic Factor (Human)
	Normal Serum Albumin (Human)
	Red Blood Cells (Human)
	Single Donor Plasma (Human)
	Whole Blood (Human)
	ACD
	Heparin

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

386 COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK, INC. (Continued)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS
Hepatitis Associated Antibody (Anti-Australia Antigen)

387 PHOEBE PUTNEY MEMORIAL HOSPITAL BLOOD BANK, Albany, Georgia

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
CPD

388 MEDICAL CENTER BLOOD BANK, Columbus, Georgia

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

389 COMMUNITY BLOOD BANK OF CENTRAL IOWA, Des Moines, Iowa

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

390 ST. BARNABAS HOSPITAL FOR CHRONIC DISEASES, Bronx, New York

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

392 WASHINGTON HOMEOPATHIC PHARMACY, INC., Washington, D.C.

MISCELLANEOUS
Poison Ivy Extract

393 N.V. PHILIPS-DUPHAR, Weesp and Olst, The Netherlands

VIRAL AND RICKETTSIAL VACCINES
Influenza Virus Vaccine

394 COMMUNITY BLOOD CENTER, Dayton, Ohio

BLOOD AND BLOOD DERIVATIVES
Cryoprecipitated Antihemophilic Factor (Human)
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Modified - Antihemophilic Factor Removed

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

395

PERTH AMBOY GENERAL HOSPITAL, Perth Amboy, New Jersey

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD

397

LABORATORIO Y BANCO DE SANGRE ARRECHE, Santurce, Puerto Rico

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

398

COMMUNITY BLOOD BANK OF MARION COUNTY, INC., Indianapolis, Indiana

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

399

BLOOD BANK OF DEACONESS HOSPITAL, INC., Evansville, Indiana

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

400

NATIONAL BLOOD SERVICE OF PHILADELPHIA, INC.,
Philadelphia, Pennsylvania

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD
Heparin

401

CHATTANOOGA BLOOD CENTER, INC., Chattanooga, Tennessee

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD
Heparin

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

411 MID-SOUTH BLOOD SERVICE, INC., Memphis, Tennessee

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

413 NORTH AMERICAN BIOLOGICALS, INC., North Miami, Florida

BLOOD AND BLOOD DERIVATIVES
Immune Serum Globulin (Human)
Normal Serum Albumin (Human)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Human Serum
Anti-K Serum (Anti-Kell)
Anti-M Serum
Anti-Rh Typing Serums:
Anti-Rh_o (Anti-D)
Anti-Rh_o" (Anti-DE)
Anti-Rh_orh'rh" (Anti-CDE)
Anti-rh' (Anti-C)
Anti-rh" (Anti-E)
Anti-hr' (Anti-c)
Anti-hr" (Anti-e)

414 AMERICAN BLOOD COMPONENTS, INC., Memphis, Tennessee

BLOOD AND BLOOD DERIVATIVES
Single Donor Plasma (Human)

415 METABOLIC, INC., Houston, Texas

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
Normal Serum Albumin (Human)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Fy^a Serum (Anti-Duffy)
Anti-Human Serum
Anti-K Serum (Anti-Kell)

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

415 METABOLIC, INC. (Continued)

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS (Continued)

Anti-Rh Typing Serums:

Anti-Rh_o (Anti-D)
Anti-Rh_o' (Anti-CD)
Anti-Rh_o" (Anti-DE)
Anti-Rh_orh'rh" (Anti-CDE)
Anti-rh' (Anti-C)
Anti-rh" (Anti-E)
Anti-hr' (Anti-c)
Anti-hr" (Anti-e)

Reagent Red Blood Cells (Human)

416 BIOPRODUCTS RESEARCH LABORATORIES, INC., Tempe, Arizona

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Coccidioidin

MISCELLANEOUS

Allergenic Extracts

417 STATE UNIVERSITY HOSPITAL, UPSTATE MEDICAL CENTER,
Syracuse, New York

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

419 COLUMBUS BIOLOGICALS, INC., Columbus, Ohio

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD
Heparin

420 EASTERN BIOLOGICALS, INC., Jersey City, New Jersey

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Human Serum
Anti-Rh Typing Serums:
Anti-Rh_o (Anti-D)
Anti-Rh_orh'rh" (Anti-CDE)
Anti-rh' (Anti-C)
Anti-rh" (Anti-E)

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

421 GEORGIA BLOOD BANK & SERUM LABORATORIES, INC., Augusta, Georgia

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

423 CLEARWATER COMMUNITY HOSPITAL, INC., Clearwater, Florida

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD

425 HOMER D. COBB MEMORIAL HOSPITAL, Phenix City, Alabama

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
CPD

427 WELLCOME REAGENTS LIMITED, Beckenham, Kent, England

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS
Anti-Human Chorionic Gonadotropic Serum

MISCELLANEOUS
Russell Viper Venom

428 COMMUNITY BLOOD COUNCIL OF MERCER COUNTY, INC.,
Trenton, New Jersey

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
CPD

429 PENINSULA GENERAL HOSPITAL OF WICOMICO COUNTY, Salisbury, Maryland

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
CPD

430 RECHERCHE ET INDUSTRIE THERAPEUTIQUES S.A., Rixensart, Belgium

VIRAL AND RICKETTSIAL VACCINES
Rubella Virus Vaccine, Live

431 ST. FRANCIS HOSPITAL, INC., Columbus, Georgia

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

433 BIOTEST-SERUM-INSTITUT GMBH, Frankfurt/Main, West Germany

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Human Serum

435 GAMMA BIOLOGICALS, INC., Houston, Texas

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Human Serum
Anti-Rh Typing Serums:
 Anti-Rh_o (Anti-D)
 Anti-Rh_o' (Anti-CD)
 Anti-Rh_o'' (Anti-DE)
 Anti-Rh_orh'rh'' (Anti-CDE)
 Anti-rh' (Anti-C)
 Anti-rh'' (Anti-E)
 Anti-hr' (Anti-c)
 Anti-hr'' (Anti-e)
Reagent Red Blood Cells (Human)

436 LEE LABORATORIES, INC., Grayson, Georgia

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-Human Serum
Anti-Rh Typing Serums:
 Anti-Rh_o (Anti-D)

437 DOCTORS' BLOOD BANK, Los Angeles, California

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

438 INTERSTATE BLOOD BANK, INC. OF LOUISIANA, Shreveport, Louisiana

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

439 CONTINENTAL BLOOD COMPONENTS, INC., Miami, Florida

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD
CPD

LICENSE NO. ESTABLISHMENTS AND PRODUCTS

440 THE COMMUNITY BLOOD BANK OF SOUTHERN NEW JERSEY, INC.,
Cherry Hill, New Jersey

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

441 DETROIT BIOLOGICALS, INC., Southgate, Michigan

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
CPD

442 UNIVERSITY OF ARKANSAS MEDICAL CENTER BLOOD BANK,
Little Rock, Arkansas

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
CPD
Modified - Antihemophilic Factor Removed

443 SERA-TEC BIOLOGICALS, INC., North Brunswick, New Jersey

BLOOD AND BLOOD DERIVATIVES
Cryoprecipitated Antihemophilic Factor (Human)

444 INTERSTATE BLOOD BANK, INC. OF PA., Philadelphia, Pennsylvania

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD

445 CENTER FOR BLOOD RESEARCH, INC., Boston, Massachusetts

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)

446 DIAGNOSTICS, INC., Birmingham, Alabama

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS
Hepatitis Associated Antibody (Anti-Australia Antigen)

447 SPEERS MEMORIAL HOSPITAL, Dayton, Kentucky

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Whole Blood (Human)
ACD

LICENSE NO. **ESTABLISHMENTS AND PRODUCTS**

448 MERIDIAN BIO-MEDICAL, INC., Denver, Colorado

MISCELLANEOUS
Allergenic Extracts

449 MEDICAL CENTER BLOOD BANK, INC., Nashville, Tennessee

BLOOD AND BLOOD DERIVATIVES
Whole Blood (Human)
ACD
CPD

450 CORDIS CORPORATION, Miami, Florida

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS
Hepatitis Associated Antibody (Anti-Australia Antigen)

451 NEW ENGLAND DEACONESS HOSPITAL, Boston, Massachusetts

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Whole Blood (Human)
CPD

452 MINNESOTA MINING AND MANUFACTURING COMPANY, St. Paul, Minnesota

BLOOD AND BLOOD DERIVATIVES
Albumin Microspheres (Human)

453 ELECTRO-NUCLEONICS LABORATORIES, INC., Bethesda, Maryland

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS
Hepatitis Associated Antibody (Anti-Australia Antigen)

454 HCSC-BLOOD CENTER, MILLER MEMORIAL BLOOD CENTER,
Bethlehem, Pennsylvania

BLOOD AND BLOOD DERIVATIVES
Red Blood Cells (Human)
Whole Blood (Human)
ACD
CPD

455 FLOW LABORATORIES, INC., Rockville, Maryland

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS
Hepatitis Associated Antibody (Anti-Australia Antigen)

LICENSE NO.

ESTABLISHMENTS AND PRODUCTS

456 BARONESS ERLANGER HOSPITAL, Chattanooga, Tennessee

BLOOD AND BLOOD DERIVATIVES

Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
CPD

457 PALM BEACH BLOOD BANK, INC., West Palm Beach, Florida

BLOOD AND BLOOD DERIVATIVES

Whole Blood (Human)
ACD

458 KNICKERBOCKER BIOLOGICALS INC., New York, New York,
with location at: Philadelphia, Pennsylvania

BLOOD AND BLOOD DERIVATIVES

Cryoprecipitated Antihemophilic Factor (Human)
Red Blood Cells (Human)
Single Donor Plasma (Human)
Whole Blood (Human)
ACD
Heparin

459 NELCO LABORATORIES, INC., Deer Park, New York

MISCELLANEOUS

Allergenic Extracts

PART III

ALPHABETICAL LIST OF BIOLOGIC PRODUCTS WITH LICENSE NUMBERS OF ESTABLISHMENTS LICENSED FOR EACH PRODUCT

Absorbed Anti-A Serum	139, 140, 156, 164, 179, 344
Adenovirus and Influenza Virus Vaccines Combined Aluminum Phosphate Adsorbed	1
Adenovirus Vaccine	1, 3
Aggregated Radio-Iodinated (I^{131}) Albumin (Human)	43, 52, 77
Albumin Microspheres (Human)	452
Allergenic Extracts	1, 17, 56, 91, 103, 119, 147, 152, 193, 306, 308, 334, 362, 364, 407, 416, 448, 459
Allergenic Extracts Alum Precipitated	193, 362
Anthrax Vaccine Adsorbed	99
Anti-A Blood Grouping Serum	17, 43, 52, 97, 139, 140, 149, 156, 164, 166, 168, 179, 185, 235, 289, 344, 349, 413, 415, 420, 433, 435, 436
Anti-A Blood Grouping Serum - For Use in Automated Systems	140, 149, 179, 289, 344, 349
Anti-B Blood Grouping Serum	17, 43, 52, 97, 139, 140, 149, 156, 164, 166, 168, 179, 185, 235, 289, 344, 349, 413, 415, 420, 433, 435, 436
Anti-B Blood Grouping Serum - For Use in Automated Systems	140, 149, 179, 289, 344, 349
Anti-A,B Blood Grouping Serum	17, 43, 52, 97, 139, 140, 149, 156, 164, 179, 289, 344, 349, 415, 420, 435
Anti-A,B Blood Grouping Serum - For Use in Automated Systems	140, 149, 179, 289, 344, 349
Anti-Dia Serum (Anti-Diego)	164, 179, 344

PRODUCT	LICENSE NUMBER
Anti-Fy ^a Serum (Anti-Duffy)	17, 43, 52, 140, 156, 164, 166, 179, 344, 349, 415
Anti-Fy ^b Serum	164, 179, 344
Antihemophilic Factor (Human)	1, 43, 52, 140, 149
Antihemophilic Plasma (Human)	113, 140, 165
Anti- <i>Hemophilus influenzae</i> Type b Serum	99
Anti-Human Chorionic Gonadotropic Serum	1, 136, 140, 156, 359, 362, 363, 378, 427
Anti-Human Serum	17, 43, 52, 139, 140, 149, 156, 164, 168, 179, 289, 344, 349, 413, 415, 420, 433, 435, 436
Anti-Influenza Virus Serum for the Hemagglutination Inhibition Test	1
Anti-I Serum	140
Anti-Jk ^a Serum (Anti-Kidd)	164, 179, 344, 349
Anti-Jk ^b Serum	164, 349
Anti-Js ^a Serum (Anti-Sutter)	344
Anti-K Serum (Anti-Kell)	17, 52, 139, 140, 149, 156, 164, 166, 179, 289, 344, 349, 413, 415
Anti-Kp ^a Serum (Anti-Penney)	164, 179, 344
Anti-Kp ^b Serum (Anti-Rautenberg)	164, 344
Anti-k Serum (Anti-Cellano)	52, 156, 164, 179, 344
Anti-Lea Serum (Anti-Lewis)	140, 149, 164, 179
Anti-Leb Serum	179
Anti-Lu ^a Serum (Anti-Lutheran)	164
Anti-M Serum	17, 43, 52, 139, 140, 149, 156, 164, 168, 179, 344, 349, 413
Anti-Mg Serum	179
Anti-Mia Serum (Anti-Miltenberger)	344

PRODUCT	LICENSE NUMBER
Anti-N Serum	17, 52, 139, 140, 149, 164, 168, 179, 349
Anti-P Serum	156, 164, 179, 344, 349
Antirabies Serum	17, 238
Anti-Rh Typing Serums:	
Anti-Rh _O (Anti-D)	17, 43, 52, 139, 140, 149, 156, 164, 166, 168, 179, 185, 235, 289, 344, 349, 413, 415, 420, 435, 436
Anti-Rh _O (Anti-D) - For Use In Automated Systems	140, 149, 179, 289, 344, 349
Anti-Rh _{O'} (Anti-CD)	17, 43, 52, 140, 149, 156, 164, 166, 179, 185, 344, 349, 415, 435
Anti-Rh _{O'} (Anti-CD) - For Use In Automated Systems	140, 149, 179, 344, 349
Anti-Rh _{O''} (Anti-DE)	43, 52, 140, 149, 156, 164, 179, 344, 349, 413, 415, 435
Anti-Rh _{O''} (Anti-DE) - For Use In Automated Systems	140, 149, 179, 344, 349
Anti-Rh _{0rh'rh''} (Anti-CDE)	17, 43, 52, 139, 140, 149, 156, 164, 179, 344, 349, 413, 415, 420, 435
Anti-Rh _{0rh'rh''} (Anti-CDE) - For Use In Automated Systems	140, 149, 179, 344
Anti-rh' (Anti-C)	17, 43, 52, 139, 140, 149, 156, 164, 179, 185, 344, 349, 413, 415, 420, 435
Anti-rh'' (Anti-E)	17, 43, 52, 139, 140, 149, 156, 164, 166, 179, 185, 344, 349, 413, 415, 420, 435
Anti-hr' (Anti-c)	17, 43, 52, 139, 140, 149, 156, 164, 166, 179, 185, 344, 349, 413, 415, 435
Anti-hr' (Anti-c) - For Use In Automated Systems	149

PRODUCT

LICENSE NUMBER

Anti-Rh Typing Serums: (Continued)

Anti-hr" (Anti-e)	17, 43, 52, 139, 140, 149, 156, 164, 166, 179, 344, 349, 413, 415, 435
Anti-hr ^V (Anti-V)	164
Anti-rh ^W (Anti-CW)	17, 52, 140, 156, 164, 179, 344, 349
Anti-S Serum	140, 156, 164, 179, 344, 349
Anti-s Serum	17, 140, 156, 164, 179, 344, 349
Anti-U Serum (Anti-Ss)	149, 164
Anti-Xg ^a Serum	179
Antivenin (Crotalidae) Polyvalent	3
Antivenin (Latrodectus mactans)	2
Antivenin (Micrurus fulvius)	3
Bacterial antigens with "No U.S. Standard of Potency"	283
BCG Vaccine	73, 188, 337
B. <i>oedematiens</i> Antitoxin	1
Blood Group Specific Substance A	149, 164
Blood Group Specific Substance B	149, 164
Blood Group Specific Substances A and B	2, 149
Botulism Antitoxin	17, 73
Blastomycin	1
Cholera Vaccine	2, 3, 17, 56, 101
Cobra Venom with Silicic and Formic Acids	125
Cobra Venom Solution	125
Coccidioidin	8, 416

PRODUCT	LICENSE NUMBER
Collagenase	383
Cryoprecipitated Antihemophilic Factor (Human)	182, 183, 187, 190, 191, 194, 195, 231, 235, 254, 269, 345, 366, 386, 394, 402, 443, 458
Diphtheria Antitoxin	3, 17, 56, 64, 73, 99, 101, 238
Diphtheria and Tetanus Toxoids	1, 56
Diphtheria and Tetanus Toxoids Adsorbed	1, 3, 17, 56, 64, 99, 110, 121
Diphtheria and Tetanus Toxoids and Pertussis Vaccine	1, 17, 101
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed	1, 2, 3, 17, 56, 64, 99, 101, 110, 121
Diphtheria & Tetanus Toxoids & Pertussis & Poliomyelitis Vaccines Adsorbed	1
Diphtheria & Tetanus Toxoids & Pertussis Vaccine Adsorbed & Poliomyelitis Vaccine	1, 2, 56
Diphtheria Toxin for Schick Test	1, 3, 56, 64, 99, 121
Diphtheria Toxoid	1, 3, 64, 73, 101, 110, 121, 238
Diphtheria Toxoid Adsorbed	1, 3, 97, 99, 121, 238
Diphtheria Toxoid and Pertussis Vaccine Adsorbed	110
Factor IX Complex (Human)	8, 140
Fibrinogen (Human)	2, 8, 52, 99, 140, 156
Fibrinogen with Antihemophilic Factor (Human)	2
Fibrinolysin (Human)	2, 156
Fibrinolysin and Desoxyribonuclease Combined (Bovine)	1, 2
Fibrinolysin and Desoxyribonuclease Combined (Bovine) with Chloramphenicol	1

PRODUCT	LICENSE NUMBER
Gas Gangrene Polyvalent Antitoxin	3, 17, 101, 129
<i>Haemophilus influenzae</i> Typing Serum	140
Hepatitis Associated Antibody (Anti-Australia Antigen)	43, 140, 156, 164, 344, 349, 356, 359, 386, 446, 450, 453, 455
Histamine Azoprotein	1
Histoplasmin	1, 17, 99
Immune Globulin (Human), Pepsin-Modified	2
Immune Serum Globulin (Human)	1, 2, 3, 8, 17, 43, 52, 64, 99, 110, 140, 149, 156, 258, 413
Influenza Virus Hemagglutinating Antigen	1
Influenza Virus Vaccine	1, 2, 3, 17, 56, 101, 110, 393
Lymphogranuloma Venereum Antigen	17, 52
Measles Immune Globulin (Human)	1, 17, 140
Measles, Mumps and Rubella Virus Vaccine, Live	2
Measles and Rubella Virus Vaccine, Live	2
Measles-Smallpox Vaccine, Live	2
Measles Virus Vaccine, Live, Attenuated	2, 17, 56, 110, 376
Modified Plasma (Bovine)	382
Mumps Immune Globulin (Human)	8, 140
Mumps Skin Test Antigen	56
Mumps Vaccine	17, 56
Mumps Virus Vaccine, Live	2
Normal Horse Serum	2, 3, 99
Normal Human Plasma	113, 165, 182, 185, 187, 192
Normal Human Serum	113

PRODUCT	LICENSE NUMBER
Normal Rabbit Serum	99
Normal Serum Albumin (Human)	1, 2, 8, 17, 43, 52, 64, 73, 99, 110, 140, 149, 156, 258, 386, 413, 415
Perfringens Antitoxin	1
Pertussis Immune Globulin (Human)	8, 140
Pertussis Vaccine	1, 3, 17, 56, 99, 101, 110, 121
Pertussis Vaccine Adsorbed	99
Plague Vaccine	8
Plasma Protein Fraction (Human)	8, 43, 140, 149, 258
Poison Ivy Extract	1, 2, 8, 91, 102, 119, 392
Poison Ivy Extract Alum Precipitated	362
Poison Ivy-Oak-Sumac Extracts Combined	119
Poison Ivy-Poison Oak Extracts Combined	91
Poison Oak Extract	8, 91
Poison Sumac Extract	119
Poliomyelitis Vaccine	1, 2, 8, 56, 73, 110
Poliomyelitis Vaccine Adsorbed	1
Poliovirus Vaccine, Live, Oral, Trivalent	3, 17, 338
Poliovirus Vaccine, Live, Oral, Type 1	3, 17, 338
Poliovirus Vaccine, Live, Oral, Type 2	3, 17, 338
Poliovirus Vaccine, Live, Oral, Type 3	3, 17, 338
Polyvalent bacterial antigens with "No U.S. Standard of Potency"	1, 56, 283, 299
Polyvalent bacterial vaccines with "No U.S. Standard of Potency"	1, 56, 91
Polyvalent modified bacterial antigens with "No U.S. Standard of Potency"	1

PRODUCT	LICENSE NUMBER
Profibrinolysin (Human)	156
Pseudomonas Polysaccharide	140
Rabies Vaccine	1, 17, 56, 99, 101, 121
Radio-Chromated (Cr ⁵¹) Serum Albumin (Human)	52
Radio-Iodinated (I ¹²⁵) Serum Albumin (Human)	43, 52, 77, 362
Radio-Iodinated (I ¹³¹) Serum Albumin (Human)	43, 52, 77, 362
Reagent Red Blood Cells (Human)	52, 139, 140, 149, 156, 164, 168, 179, 235, 344, 349, 415, 435
Reagent Red Blood Cells (Human) For Use In Automated Systems	344, 349
Red Blood Cells (Human)	113, 139, 140, 165, 166, 168, 169, 175, 181, 182, 183, 185, 187, 190, 191, 194, 195, 198, 201, 202, 203, 212, 215, 221, 222, 224, 228, 231, 234, 235, 240, 241, 246, 254, 269, 270, 272, 274, 278, 289, 300, 302, 305, 314, 321, 345, 346, 365, 366, 373, 386, 394, 395, 400, 401, 402, 423, 441, 445, 447, 451, 454, 456, 458
Red Blood Cells (Human) Frozen	289, 300
Rh _O (D) Immune Globulin (Human)	8, 17, 64, 110, 156
Rocky Mountain Spotted Fever Vaccine	17
Rubella and Mumps Virus Vaccine, Live	2
Rubella Virus Vaccine, Live	2, 376, 430
Russell Viper Venom	427
Schick Test Control	64, 99, 121

PRODUCT	LICENSE NUMBER
Single Donor Plasma (Human)	113, 139, 165, 166, 169, 173, 182, 183, 185, 187, 190, 191, 194, 198, 201, 202, 203, 221, 222, 224, 234, 235, 240, 241, 246, 254, 269, 272, 274, 278, 289, 302, 305, 321, 345, 365, 366, 373, 386, 394, 400, 402, 409, 414, 441, 456, 485
Smallpox Vaccine	1, 2, 3, 8, 17, 56, 64, 73, 99, 101
Staphylococcus Antitoxin	73
Staphylococcus Toxoid	1, 17, 238
Staphylococcus Toxoid & Bacterial Antigen made from Staph. (Albus & Aureus)	1
Streptokinase	325
Streptokinase-Streptodornase	17, 97
Tetanus Antitoxin	1, 3, 17, 21, 56, 64, 73, 99, 101, 129, 238
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)	2, 3, 17, 56, 64, 101, 121,
Tetanus and Gas Gangrene Polyvalent Antitoxin	1, 3, 17, 101
Tetanus Immune Globulin (Human)	1, 2, 3, 8, 17, 43, 52, 64, 99, 110, 140, 149, 258
Tetanus Toxoid	1, 2, 3, 8, 17, 56, 64, 73, 101, 110, 121, 238
Tetanus Toxoid Adsorbed	1, 2, 3, 17, 21, 56, 64, 97, 99, 101, 110, 121, 238
Thrombin	1, 51, 156
Trichinella Extract	17
Tuberculin Old	1, 17, 56, 64, 99, 121, 384
Purified Protein Derivative	1, 2, 73

PRODUCT	LICENSE NUMBER
Typhoid Vaccine	2, 3, 56, 64, 99, 101, 110, 121
Typhus Vaccine	2, 17, 56
Vaccinia Immune Globulin (Human)	140
Whole Blood (Human) ACD	99, 113, 139, 140, 154, 165, 166, 167, 168, 169, 170, 173, 175, 178, 181, 182, 183, 185, 187, 190, 191, 192, 194, 195, 197, 198, 199, 201, 202, 203, 204, 209, 212, 213, 214, 215, 218, 220, 221, 222, 224, 226, 227, 228, 230, 231, 233, 234, 235, 237, 239, 240, 241, 244, 246, 248, 249, 251, 254, 259, 261, 263, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 276, 278, 284, 286, 288, 289, 290, 296, 298, 300, 301, 302, 304, 305, 309, 310, 312, 313, 314, 315, 316, 317, 320, 321, 326, 327, 332, 333, 336, 339, 345, 346, 347, 348, 354, 355, 356, 357, 358, 360, 361, 365, 366, 369, 373, 374, 375, 380, 386, 387, 388, 389, 390, 394, 395, 397, 398, 399, 400, 401, 402, 403, 406, 408, 409, 410, 411, 415, 417, 419, 421, 423, 428, 429, 431, 437, 438, 439, 440, 441, 444, 447, 449, 454, 457, 458
Whole Blood (Human) CPD	113, 140, 154, 166, 167, 169, 182, 183, 185, 187, 190, 191, 194, 195, 198, 199, 201, 202, 203, 212, 213, 214, 215, 220, 222, 226, 228, 230, 231, 233, 234, 237, 239, 244, 246, 248, 249, 254, 259, 266, 267, 269, 270, 271, 272, 284, 288, 290, 301, 302, 304, 305, 312, 313, 314, 315, 327, 332, 333, 345, 354, 356, 366, 374, 380, 387, 394, 395, 398, 399, 400, 401, 402, 408, 409, 410, 419, 423, 425, 428, 429, 439, 441, 442, 449, 451, 454, 456

PRODUCT	LICENSE NUMBER
Whole Blood (Human) Heparin	113, 165, 166, 169, 173, 182, 185, 190, 191, 212, 221, 222, 224, 240, 241, 254, 268, 269, 272, 274, 301, 302, 305, 321, 345, 354, 380, 386, 400, 401, 402, 415, 419, 458
Whole Blood (Human) Modified - Antihemophilic Factor Removed	182, 183, 190, 195, 235, 272, 309, 345, 394, 442
Yellow Fever Vaccine	101

PART IV

ALPHABETICAL LIST OF BIOLOGIC PRODUCTS BY CATEGORY

ANTITOXINS

B. oedematiens Antitoxin
Botulism Antitoxin
Diphtheria Antitoxin
Gas Gangrene Polyvalent Antitoxin
Perfringens Antitoxin
Staphylococcus Antitoxin
Tetanus Antitoxin
Tetanus and Gas Gangrene Polyvalent Antitoxin

BACTERIAL ANTIGENS

Bacterial antigens with "No U.S. Standard of Potency"
Polyvalent bacterial antigens with "No U.S. Standard of Potency"
Pseudomonas Polysaccharide

BACTERIAL VACCINES

Anthrax Vaccine Adsorbed
BCG Vaccine
Cholera Vaccine
Pertussis Vaccine
Pertussis Vaccine Adsorbed
Plague Vaccine
Polyvalent bacterial vaccines with "No U.S. Standard of Potency"
Typhoid Vaccine

BLOOD AND BLOOD DERIVATIVES

Aggregated Radio-Iodinated (I^{131}) Albumin (Human)
Albumin Microspheres (Human)
Antihemophilic Factor (Human)
Antihemophilic Plasma (Human)
Cryoprecipitated Antihemophilic Factor (Human)
Factor IX Complex (Human)
Fibrinogen (Human)
Fibrinogen with Antihemophilic Factor (Human)
Fibrinolysin (Human)
Fibrinolysin and Desoxyribonuclease Combined (Bovine)
Fibrinolysin and Desoxyribonuclease Combined (Bovine) with Chloramphenicol
Histamine Azoprotein
Immune Globulin (Human), Pepsin-Modified
Immune Serum Globulin (Human)

BLOOD AND BLOOD DERIVATIVES (Continued)

Measles Immune Globulin (Human)
Modified Plasma (Bovine)
Mumps Immune Globulin (Human)
Normal Horse Serum
Normal Human Plasma
Normal Human Serum
Normal Rabbit Serum
Normal Serum Albumin (Human)
Pertussis Immune Globulin (Human)
Plasma Protein Fraction (Human)
Profibrinolysin (Human)
Radio-Chromated (Cr^{51}) Serum Albumin (Human)
Radio-Iodinated (I^{125}) Serum Albumin (Human)
Radio-Iodinated (I^{131}) Serum Albumin (Human)
Red Blood Cells (Human)
Frozen
Rho (D) Immune Globulin (Human)
Single Donor Plasma (Human)
Tetanus Immune Globulin (Human)
Thrombin
Vaccinia Immune Globulin (Human)
Whole Blood (Human)
ACD
CPD
Heparin
Modified - Antihemophilic Factor Removed

DIAGNOSTIC SUBSTANCES FOR DERMAL TESTS

Blastomycin
Coccidioidin
Diphtheria Toxin for Schick Test
Histoplasmin
Lymphogranuloma Venereum Antigen
Mumps Skin Test Antigen
Schick Test Control
Tuberculin
Old
Purified Protein Derivative

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS

Absorbed Anti-A Serum
Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A, B Blood Grouping Serum
Anti-Dia Serum (Anti-Diego)
Anti-Fya Serum (Anti-Duffy)
Anti-Fyb Serum

DIAGNOSTIC SUBSTANCES FOR LABORATORY TESTS (Continued)

Anti-Human Chorionic Gonadotropic Serum
Anti-Human Serum
Anti-Influenza Virus Serum for the Hemagglutination Inhibition Test
Anti-I Serum
Anti-Jka Serum (Anti-Kidd)
Anti-Jkb Serum
Anti-Jsa Serum (Anti-Sutter)
Anti-K Serum (Anti-Kell)
Anti-Kpa Serum (Anti-Penney)
Anti-Kpb Serum (Anti-Rautenberg)
Anti-k Serum (Anti-Cellano)
Anti-Lea Serum (Anti-Lewis)
Anti-Leb Serum
Anti-Lua Serum (Anti-Lutheran)
Anti-M Serum
Anti-Mg Serum
Anti-Mia Serum (Anti-Miltenberger)
Anti-N Serum
Anti-P Serum
Anti-Rh Typing Serums:
 Anti-Rho (Anti-D)
 Anti-Rho' (Anti-CD)
 Anti-Rho" (Anti-DE)
 Anti-Rhorh'rh" (Anti-CDE)
 Anti-rh' (Anti-C)
 Anti-rh" (Anti-E)
 Anti-hr' (Anti-c)
 Anti-hr" (Anti-e)
 Anti-hrv (Anti-V)
 Anti-rhw (Anti-Cw)
Anti-S Serum
Anti-s Serum
Anti-U Serum (Anti-Ss)
Anti-Xga Serum

Blood Grouping and Typing Serums For Use In Automated Systems:

Anti-A Blood Grouping Serum
Anti-B Blood Grouping Serum
Anti-A,B Blood Grouping Serum
Anti-Rho (Anti-D) Typing Serum
Anti-Rho' (Anti-CD) Typing Serum
Anti-Rho" (Anti-DE) Typing Serum
Anti-Rhorh'rh" (Anti-CDE) Typing Serum
Anti-hr' (Anti-c)

Haemophilus influenzae Typing Serum
Hepatitis Associated Antibody (Anti-Australia Antigen)
Influenza Virus Hemagglutinating Antigen
Reagent Red Blood Cells (Human)
For Use In Automated Systems

MISCELLANEOUS

Allergenic Extracts
Allergenic Extracts Alum Precipitated
Antivenin (Crotalidae) Polyvalent
Antivenin (Latrodectus mactans)
Antivenin (Micrurus fulvius)
Blood Group Specific Substance A
Blood Group Specific Substance B
Blood Group Specific Substances A and B
Cobra Venom Solution
Cobra Venom with Silicic and Formic Acids
Collagenase
Poison Ivy Extract
Poison Ivy Extract Alum Precipitated
Poison Ivy-Oak-Sumac Extracts Combined
Poison Ivy-Poison Oak Extracts Combined
Poison Oak Extract
Poison Sumac Extract
Russell Viper Venom
Streptokinase
Streptokinase-Streptodornase
Trichinella Extract

MODIFIED BACTERIAL ANTIGENS

Polyvalent modified bacterial antigens with "No U.S. Standard of Potency"

MULTIPLE ANTIGEN PREPARATIONS

Adenovirus and Influenza Virus Vaccines Combined Aluminum Phosphate Adsorbed
Diphtheria and Tetanus Toxoids
Diphtheria and Tetanus Toxoids Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Adsorbed and
Poliomyelitis Vaccine
Diphtheria and Tetanus Toxoids and Pertussis and Poliomyelitis
Vaccines Adsorbed
Diphtheria Toxoid and Pertussis Vaccine Adsorbed
Staphylococcus Toxoid and Bacterial Antigen made from Staphylococcus
(Albus and Aureus)
Tetanus and Diphtheria Toxoids Adsorbed (For Adult Use)

THERAPEUTIC IMMUNE SERUMS

Anti-*Hemophilus influenzae* Type b Serum
Antirabies Serum

TOXOIDS AND TOXINS FOR IMMUNIZATION

Diphtheria Toxoid
Diphtheria Toxoid Adsorbed
Staphylococcus Toxoid
Tetanus Toxoid
Tetanus Toxoid Adsorbed

VIRAL AND RICKETTSIAL VACCINES

Adenovirus Vaccine
Influenza Virus Vaccine
Measles Virus Vaccine, Live, Attenuated
Measles, Mumps and Rubella Virus Vaccine, Live
Measles and Rubella Virus Vaccine, Live
Measles-Smallpox Vaccine, Live
Mumps Vaccine
Mumps Virus Vaccine, Live
Poliomyelitis Vaccine
Poliomyelitis Vaccine Adsorbed
Poliovirus Vaccine, Live, Oral, Trivalent
Poliovirus Vaccine, Live, Oral, Type 1
Poliovirus Vaccine, Live, Oral, Type 2
Poliovirus Vaccine, Live, Oral, Type 3
Rabies Vaccine
Rocky Mountain Spotted Fever Vaccine
Rubella and Mumps Virus Vaccine, Live
Rubella Virus Vaccine, Live
Smallpox Vaccine
Typhus Vaccine
Yellow Fever Vaccine

Dr. Pittman
Bldg. 29-320

Title 42—PUBLIC HEALTH

Chapter I—Public Health Service, Department of Health, Education, and Welfare

SUBCHAPTER F—QUARANTINE, INSPECTION, LICENSING

PART 73—BIOLOGICAL PRODUCTS

Periodic Check on Sterile Techniques for Human Whole Blood

On November 12, 1971, a notice of proposed rule making was published in the **FEDERAL REGISTER** (36 F.R. 21696) proposing to amend Part 73 of the Public Health Service regulations by amending § 73.3004(b) to require that a periodic check on sterile technique need only be performed when Whole Blood (Human) is prepared in an open or vented system.

Views and arguments respecting such proposal were invited to be submitted within 30 days after publication of the notice in the **FEDERAL REGISTER** and notice was given of intention to make any amendments that were adopted effective 30 days after publication in the **FEDERAL REGISTER**.

After consideration of all comments submitted, the following amendment to Part 73 of the Public Health Service regulations is hereby adopted to become effective 30 days after publication in the **FEDERAL REGISTER**.

Dated: March 16, 1972.

ROBERT Q. MARSTON,
Director,
National Institutes of Health.

Section 73.3004(b) is amended by revising the first sentence to read as follows:

§ 73.3004 General requirements.

* * * * *

(b) *Periodic check on sterile technique.* Where blood is collected in an open system, that is, where the blood container is entered, at least one container of such blood that upon visual examination appears normal shall be tested each month between the 18th and 24th day after collection, as a continuing check on technique of blood collection, as follows: * * *

* * * * *
(Sec. 215, 58 Stat. 690, as amended; 42 U.S.C. 216, sec. 351, 58 Stat. 702, as amended; 42 U.S.C. 262)

as follows *and* *as* *follows*
[FR Doc.72-4560 Filed 3-24-72;8:48 am]

NIH-81598

NOTICES

Dr. Pittman
Bldg. 29-320

A complete listing of licensed establishments and products may be obtained by writing to the Division of Biologics Standards, National Institutes of Health, Bethesda, Md. 20014.

ESTABLISHMENT LICENSES ISSUED

Establishment	City and State	License No.
Blood Research Institute, Inc.	Boston, Mass.	445
Community Blood Bank of Southern New Jersey, Inc. (The)	Cherry Hill, N.J.	440
Cordis Corp.	Miami, Fla.	450
Detroit Biologicals, Inc.	Southgate, Mich.	441
Diagnostics, Inc.	Birmingham, Ala.	446
Interstate Blood Bank, Inc. of Pa.	Philadelphia, Pa.	444
Medical Center Blood Bank, Inc.	Nashville, Tenn.	449
Meridian Bio-Medical, Inc.	Denver, Colo.	448
Sera-Tec Biologicals, Inc.	North Brunswick, N.J.	443
Speers Memorial Hospital	Dayton, Ky.	447
University of Arkansas Medical Center Blood Bank.	Little Rock, Ark.	442

ESTABLISHMENT LICENSES REVOKED AT THE REQUEST OF THE MANUFACTURER

Establishment	City and State	License No.
Allergy Specifics, Inc.	New York, N.Y.	412
Allied Plasma Corp.	Miami, Fla.	418
Blood Bank & Serum Service, Inc.	New York, N.Y.	404
Blood Grouping Laboratory of Boston, Inc.	Boston, Mass.	159
Community Memorial General Hospital.	La Grange, Ill.	277
Dunklin County Memorial Hospital.	Kennett, Mo.	368
Evans Medical, Ltd.	Speke, Liverpool, England.	351
Harrisburg Polyclinic Hospital.	Harrisburg, Pa.	405
Terrell Clinic.	Ft. Worth, Tex.	84
Washington Blood Laboratory.	Washington, D.C.	158

ESTABLISHMENT LICENSES REVOKED WITHOUT PREJUDICE AND REISSUED

Establishment	City and State	License No.	Action
Behring Diagnostics, Division of American Hoechst Corp.	Woodbury, N.Y.	157	Name change.
Belle Bonfils Memorial Blood Center.	Denver, Colo.	166	Do.
Eastern Biologicals, Inc.	Jersey City, N.J.	420	Establishment move.
Merrell-National Laboratories Division of Richardson-Merrell Inc.	Swiftwater, Pa.	101	Name change.
North American Biologicals, Inc.	North Miami, Fla.	413	Additional location.

PRODUCT LICENSES ISSUED

Product	Establishment	License No.
Allergenic Extracts	Bioproducts Research Laboratories, Inc.	416
Do.	Meridian Bio-Medical, Inc.	448
Allergenic Extracts Alum Precipitated.	Center Laboratories, Inc.	193
Anti-A Blood Grouping Serum.	Behringwerke AG	97
Anti-B Blood Grouping Serum.	do.	97
Anti-Human Serum	Lee Laboratories, Inc.	436
Do.	North American Biologicals, Inc.	418

PRODUCT LICENSES ISSUED—Continued

Product	Establishment	License No.
Anti-Rh Typing Serums:		
Anti-Rh _o (Anti-D)	do	413
Anti-Rh _o (Anti-CD)	Metabolic, Inc.	415
Anti-Rh _o Rh' (Anti-CDE)	do	415
Anti-rh' (Anti-E)	do	415
Anti-hr' (Anti-c)	North American Biologicals, Inc.	413
Cryoprecipitated Anti-hemophilic Factor (Human).	Sera-Tec Biologicals, Inc.	443
Do.	Scientific Blood Bank, Inc.	345
Do.	University of Cincinnati Blood Transfusion Service.	235
Hepatitis Associated Antibody (Anti-Australia Antigen).	Cordis Corp.	450
Do.	Diagnostics, Inc.	446
Do.	Ortho Diagnostics, Ortho Pharmaceutical Corp.	186
Do.	Travenol Laboratories, Inc.	140
Immune Serum Globulin (Human).	Wyeth Laboratories, Inc.	3
Red Blood Cells (Human).	Blood Research Institute, Inc.	445
Do.	Detroit Biologicals, Inc.	441
Do.	Perth Amboy General Hospital.	395
Do.	Speers Memorial Hospital.	447
Rh _o (D) Immune Globulin (Human).	Dow Chemical Co. (The)	110
Single Donor Plasma (Human).	Community Blood and Plasma Service, Inc., of Texas.	241
Do.	Detroit Biologicals, Inc.	441
Whole Blood (Human).	Community Blood Bank of Southern New Jersey, Inc. (The)	440
Do.	Detroit Biologicals, Inc.	441
Do.	Interstate Blood Bank, Inc., of Pa.	444
Do.	Medical Center Blood Bank, Inc.	449
Do.	Speers Memorial Hospital.	447
Do.	University of Arkansas Medical Center Blood Bank.	442
PRODUCT LICENSES REVOKED AT THE REQUEST OF THE MANUFACTURER		
Product	Establishment	License No.
Absorbed Anti-A Serum.	Blood Bank Foundation.	165
Do.	Blood Grouping Laboratory of Boston.	159
Do.	Washington Blood Laboratory.	158
Allergenic Extracts.	Allergy Specifics, Inc.	412
Do.	Terrell Clinic.	84
Anti-A Blood Grouping Serum.	Blood Bank Foundation.	165
Do.	Blood Grouping Laboratory of Boston.	159
Do.	Washington Blood Laboratory.	158
Anti-B Blood Grouping Serum.	Blood Bank Foundation.	165
Do.	Blood Grouping Laboratory of Boston.	159
Do.	Washington Blood Laboratory.	158
Anti-A,B Blood Grouping Serum.	Blood Bank Foundation.	165
Do.	Washington Blood Laboratory.	158
Anti-Fy _a Serum (Anti-Duffy).	Blood Grouping Laboratory of Boston.	160
Anti-Gr(V _w) Serum.	do.	159
Antihemophilic Globulin (Human).	Michigan Department of Public Health Bureau of Laboratories.	99
Anti-Human Serum.	Blood Bank Foundation.	165
Do.	Blood Grouping Laboratory of Boston.	159
Do.	Washington Blood Laboratory.	159

Public Health Service

LICENSED BIOLOGICAL PRODUCTS

Notice is hereby given that pursuant to section 351 of the Public Health Service Act, as amended (42 U.S.C. 262), and regulations issued thereunder (42 CFR Part 73), the following establishment license and product license actions have been taken from July 1, 1971, to December 31, 1971, inclusive.

NOTICES

PRODUCT LICENSES REVOKED AT THE REQUEST OF THE MANUFACTURER—Continued

Product	Establishment	License No.
Anti-Jk ^a Serum (Anti-Kidd).	Blood Grouping Laboratory of Boston.	159
Anti-K Serum (Anti-Kell).	Blood Bank Foundation.	165
Do.	Blood Grouping Laboratory of Boston.	159
Anti-Kp ^a Serum (Anti-Penney).	do.	159
Anti-Kp ^a and Anti-K Serum (Anti-Ran-	tenberg and Anti-	
Kell).		
Anti-L ^a Serum (Anti-Lewis).	do.	159
Anti-L ^b Serum.	do.	159
Anti-M Serum.	do.	159
Anti-Me Serum.	do.	159
Anti-P Serum.	do.	159
Anti-Rb Typing Serums:		
Anti-Rh _o (Anti-D).	Blood Bank Foundation.	165
Do.	Blood Grouping Laboratory of Boston.	159
Do.	Washington Blood Laboratory.	158
Anti-Rh _o (Anti-CD).	Blood Bank Foundation.	165
Do.	Blood Grouping Laboratory of Boston.	159
Do.	Washington Blood Laboratory.	158
Anti-Rh _o (Anti-DE).	Blood Bank Foundation.	165
Do.	Washington Blood Laboratory.	158
Anti-Rb _{rh} (Anti-CDE).	Blood Bank Foundation.	165
Do.	Washington Blood Laboratory.	158
Anti-rh' (Anti-C).	Blood Bank Foundation.	165
Do.	Blood Grouping Laboratory of Boston.	159
Do.	Washington Blood Laboratory.	158
Anti-rh" (Anti-E).	Blood Bank Foundation.	165
Do.	Blood Grouping Laboratory of Boston.	159
Do.	Washington Blood Laboratory.	158
Anti-br' (Anti-c).	Blood Bank Foundation.	165
Do.	Blood Grouping Laboratory of Boston.	159
Do.	Washington Blood Laboratory.	158
Anti-hr" (Anti-e).	Blood Bank Foundation.	165
Do.	Blood Grouping Laboratory of Boston.	159
Anti-rb" (Anti-Cw).	do.	159
Anti-Rh _o -Rh _o (Anti-D+D').	do.	159
Anti-S Serum.	do.	159
Anti-s Serum.	do.	159
Anti-Wr Serum (Anti-Wright).	do.	159
Bacterial Vaccines made from:		
Acne Bacillus.	Merrell-National Laboratories Division of Richardson-Merrell Inc.	101
Brucella Abortus.	do.	101
Brucella Melitensis.	do.	101
Brucella suis.	do.	101
Colon Bacillus.	do.	101
Do.	Eli Lilly & Co.	56
Gonococcus.	Merrell-National Laboratories, Division of Richardson-Merrell Inc.	101
Do.	Eli Lilly & Co.	56
Meningococcus.	Merrell-National Laboratories, Division of Richardson-Merrell Inc.	101
Pertussis Bacillus.	Eli Lilly & Co.	56
Pseudodiphtheria Bacillus.	Merrell-National Laboratories, Division of Richardson-Merrell Inc.	101
Pyocyanus Bacillus.	do.	101
Diphtheria and Tetanus Toxoids and Pertussis Vaccine.	Eli Lilly & Co.	56
Measles Immune Globulin (Human).	do.	56
Measles Virus Vaccine, Inactivated.	do.	56
Perfringens Antitoxin.	do.	56
Pneumococcus Typing Serum.	Michigan Department of Public Health, Bureau of Laboratories.	99

PRODUCT LICENSES REVOKED AT THE REQUEST OF THE MANUFACTURER—Continued

Product	Establishment	License No.
Red Blood Cells (Human).	North American Biologicals, Inc.	413
Schick Test Control.	Eli Lilly & Co.	56
Staphylococcus Toxoid & Bacterial Antigen made from Staphylococcus (Albus and Aureus).	E. R. Squibb & Sons, Inc.	52
Tetanus and Gas Gangrene Polyvalent Antitoxin.	Eli Lilly & Co.	56
Tuberculin.	Evans Medical, Ltd.	351
V. Septique Antitoxin.	Eli Lilly & Co.	56
Whole Blood (Human).	Allied Plasma Corp.	418
Do.	Blood Bank & Serum Service, Inc.	404
Do.	Community Memorial General Hospital.	277
Do.	Dunklin County Memorial Hospital.	368
Do.	Harrisburg Polyclinic Hospital.	405

Approved:

RODERICK MURRAY,
Director, Division of Biologics Standards, National Institutes of Health, Public Health Service, Department of Health, Education, and Welfare.

Approved:

STORM WHEALEY,
Associate Director for Communications, for the Director, National Institutes of Health, Public Health Service, Department of Health, Education, and Welfare.

[FR Doc. 72-1743 Filed 2-7-72; 8:45 am]

NOTICES

PRODUCT LICENSES ISSUED

Product	Establishment	License No.
Anti-A Blood Grouping Serum.	E. R. Squibb & Sons, Inc.	52
Do.	Gamma Biologicals, Inc.	435
Do.	Lee Laboratories, Inc.	436
Anti-B Blood Grouping Serum.	E. R. Squibb & Sons, Inc.	52
Do.	Gamma Biologicals, Inc.	435
Do.	Lee Laboratories, Inc.	436
Anti-A, B Blood Grouping Serum.	E. R. Squibb & Sons, Inc.	52
Do.	Gamma Biologicals, Inc.	435
Anti-Fya Serum (Anti-Duffy).	E. R. Squibb & Sons, Inc.	52
Antihemophilic Factor (Human).	Abbott Laboratories..	43
Anti-Human Serum.	E. R. Squibb & Sons, Inc.	52
Do.	Gamma Biologicals, Inc.	435
Anti-K Serum (Anti-Kell).	E. R. Squibb & Sons, Inc.	52
Anti-K Serum (Anti-Celano).	do.	52
Anti-M Serum.	do.	52
Anti-N Serum.	do.	52
Anti-Rh Typing Serums:		
Anti-Rh _o (Anti-D).	do.	52
Do.	Gamma Biologicals, Inc.	435
Anti-Rh _o ' (Anti-CD).	E. R. Squibb & Sons, Inc.	52
Do.	Gamma Biologicals, Inc.	435
Anti-Rh _o " (Anti-DE).	E. R. Squibb & Sons, Inc.	52
Do.	Gamma Biologicals, Inc.	435
Anti-Rh _o rh'rh" (Anti-CDE).	E. R. Squibb & Sons, Inc.	52
Do.	Gamma Biologicals, Inc.	435
Anti-rh' (Anti-C).	E. R. Squibb & Sons, Inc.	52
Do.	Gamma Biologicals, Inc.	435
Anti-rh" (Anti-E).	E. R. Squibb & Sons, Inc.	52
Do.	Gamma Biologicals, Inc.	435
Anti-rh" (Anti-Cw).	E. R. Squibb & Sons, Inc.	52
Do.	Gamma Biologicals, Inc.	435
Anti-rh" (Anti-c).	do.	52
Anti-rh" (Anti-e).	E. R. Squibb & Sons, Inc.	52
Cryoprecipitated Anti-hemophilic Factor (Human).	American National Red Cross (The).	190
Do.	Community Blood Council of Greater New York, Inc.	386
Do.	Knoxville Blood Center, Inc.	254
Do.	Peninsula Memorial Blood Bank.	195
Do.	Pfizer, Inc.	164
Hepatitis Associated Antibody (Anti-Australia Antigen).	Ahhott Laboratories..	43
Do.	Spectra Biologicals Division Becton, Dickinson & Co.	314
Immune Serum Globulin (Human).	Ahhott Laboratories..	43
Measles and Rubeella Virus Vaccine, Live.	Merck Sharp & Dohme.	2
Measles, Mumps and Rubella Virus Vaccine, Live.	do.	2
Normal Serum Alumin (Human).	Ahhott Laboratories..	43
Plasma Protein Fraction (Human).	do.	43
Reagent Red Blood Cells (Human).	E. R. Squibb & Sons, Inc.	52
Red Blood Cells (Human).	Fairfax Hospital Blood Bank.	365
Rh _o (D) Immune Globulin (Human).	Cutter Laboratories, Inc.	8
Single Donor Plasma (Human).	Fairfax Hospital Blood Bank.	365
Tetanus Immune Globulin (Human).	Ahhott Laboratories..	43
Whole Blood (Human).	Biotechnics Research, Inc.	434
Do.	Continental Blood Components, Inc.	439
Do.	Doctors' Blood Bank..	437
Do.	Interstate Blood Bank, Inc., of Louisiana.	438

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Public Health Service

LICENSED BIOLOGICAL PRODUCTS

Notice is hereby given that pursuant to section 351 of the Public Health Service Act, as amended (42 U.S.C. 262), and regulations issued thereunder (42 CFR Part 73), the following establishment license and product license actions have been taken from January 1, 1971, to June 30, 1971, inclusive.

A complete listing of licensed establishments and products as of January 1, 1971, may be obtained by writing to the Division of Biologics Standards, National Institutes of Health, Bethesda, Md. 20014.

ESTABLISHMENT LICENSES REVOKED WITHOUT PREJUDICE AND REISSUED

Establishment	City and State	License No.	Action
Abbott Laboratories.....	North Chicago Ill.....	43	Location added: Los Angeles, Cal,
Blood Services.....	Scottsdale, Ariz.....	183	Location added: Jackson, Miss.
Do.	do.	do.	Location deleted: Butte, Mont.
Central Florida Blood Bank, Inc.....	Orlando, Fla.....	227	Location deleted: Sanford, Fla.
Clearwater Community Hospital, Inc.....	Clearwater, Fla.....	423	Name change.
Garden State Blood Bank, Inc.....	Newark, N.J.....	302	Do.
Georgia Blood Bank and Serum Laboratories, Inc.....	Augusta, Ga.....	421	Location deleted: Columbus, Ga.
Hollister-Stier Laboratories.....	Spokane, Wash.....	91	Locations deleted: Los Angeles, Cal., Dallas, Tex.
Terrell Clinic.....	Fort Worth, Tex.....	84	Name change.
United Hospital Center, Inc.....	Clarkshurg, W. Va.....	339	Do.
Washington Homeopathic Pharmacy, Inc.....	Washington, D.C.....	392	Do.

PRODUCT LICENSES REVOKED AT THE REQUEST OF THE MANUFACTURER

Product	Establishment	License No.	Product	Establishment	License No.
Absorbed Anti-A Serum.	Wiener Serum Laboratory.	155	Whole Blood (Human).	American Blood Bank Service, Inc.	422
Adenovirus Vaccine.	Dow Chemical Co. (The).	110	Do.	Courtland Laboratories.	171
Allergenic Extracts.	Porro Biological Laboratories, Inc.	107	Do.	Medix, Inc.	391
Anti-A Blood Grouping Serum.	Milwaukee Blood Center, Inc.	187	Do.	Terrell Clinic.	84
Do.	Wiener Serum Laboratory.	155	Do.	United Biologics Corp.	371
Anti-B Blood Grouping Serum.	Milwaukee Blood Center, Inc.	187			
Do.	Wiener Serum Laboratory.	155			
Anti-Fya Serum (Anti-Duffy).	do.	155			
Antihemophilic Factor (Human).	Courtland Laboratories.	171			
Antihemophilic Plasma (Human).	do.	171			
Anti-Human Serum.	Milwaukee Blood Center, Inc.	187			
Do.	Wiener Serum Laboratory.	155			
Anti-K Serum (Anti-Kell).	do.	155			
Anti-k Serum (Anti-Cellano).	do.	155			
Anti-M Serum.	do.	155			
Anti-N Serum.	do.	155			
Anti-Rh Typing Serums:					
Anti-Rh _o (Anti-D).	Milwaukee Blood Center, Inc.	187			
Do.	Wiener Serum Laboratory.	155			
Anti-Rh _o (Anti-CD).	Philadelphia Blood Center.	139			
Do.	Milwaukee Blood Center, Inc.	187			
Do.	Wiener Serum Laboratory.	155			
Anti-Rh _o (Anti-DE).	Philadelphia Blood Center.	139			
Do.	Wiener Serum Laboratory.	155			
Anti-Rh _o rh _h " (Anti-CDE).	Milwaukee Blood Center, Inc.	187			
Anti-rh ⁺ (Anti-C).	Wiener Serum Laboratory.	155			
Anti-rh ⁺ (Anti-E).	do.	155			
Anti-hr ⁺ (Anti-c).	do.	155			
Anti-hr ⁺ (Anti-e).	do.	155			
Anti-rh ⁺ and Anti-K Serum [Anti-(C ⁺ + Kell)].	do.	155			
Immune Serum Globulin (Human).	Courtland Laboratories.	171			
Normal Human Plasma.	Blood Grouping Laboratory.	215			
Do.	Courtland Laboratories.	171			
Normal Serum Alumin (Human).	do.	171			
Oxyphenarsine Hydrochloride.	Parke, Davis & Co.	1			
Plasma Protein Fraction (Human).	Courtland Laboratories.	171			
Poliomyelitis Immune Globulin (Human).	do.	171			
Do.	Dow Chemical Co. (The).	110			
Do.	Philadelphia Blood Center.	139			
Reagent Blood Group Specific Substances A and B.	Dade Division American Hospital Supply Corporation.	179			
Red Blood Cells (Human).	Courtland Laboratories.	171			
Do.	United Biologics Corp.	371			
Resuspended Red Blood Cells (Human).	Blood Bank Foundation.	165			
Do.	Blood Grouping Laboratory.	215			
Do.	Michael Reese Research Foundation.	113			
Do.	Minneapolis War Memorial Blood Bank.	185			
Do.	University of Cincinnati Blood Transfusion Service.	235			
Tetanus Immune Globulin (Human).	Courtland Laboratories.	171			
Typhus Vaccine.	Dow Chemical Co. (The).	110			
Fibrin Septique Antitoxin.	do.	11			

Approved:

RODERICK MURRAY,
*Director, Division of Biologics,
 Standards, National Institutes
 of Health, Public Health Service,
 Department of Health,
 Education, and Welfare.*

IRVIN J. GOLDEBERG,
*Director of Information, for the
 Director, National Institutes
 of Health, Public Health Service,
 Department of Health,
 Education, and Welfare.*

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NOTICES

**DEPARTMENT OF HEALTH,
EDUCATION, AND WELFARE**

Public Health Service
**BACTERIAL VACCINES AND
BACTERIAL ANTIGENS**

Review of Effectiveness

In accordance with the delegation of authority (37 F.R. 4004-4005) authorizing the Director, National Institutes of Health to administer the provisions of the Federal Food, Drug and Cosmetic Act with respect to those human drugs that are biologicals subject to section 351 of the Public Health Service Act (42 U.S.C. 262), the Division of Biologics Standards is undertaking a review of the effectiveness of all licensed biologicals. The first categories of licensed products to be reviewed for this purpose will be those bacterial vaccines and bacterial antigens whose labels are required by 42 CFR 73.601(r) to state "No U.S. standard of potency."

A licensed manufacturer of such bacterial vaccines or antigens who wishes to continue manufacturing and marketing such products shall advise the Division of Biologics Standards, National Institutes of Health, Building 29, Bethesda, Md. 20014, in writing within 30 days of the publication of this notice, that he will submit substantial evidence of the effectiveness of each such product within 180 days after the publication of this notice. A manufacturer who does not within such 30-day period state that he will submit such information shall, at the end of such period cease the interstate shipment of such products and shall surrender promptly his license by mailing it to the above address. Data and information submitted pursuant to this notice shall provide the information called for in, and shall be organized in the format for, new drug applications (21 CFR 130.4 (c)(2)) to the extent applicable, and shall also include a list of each such product currently being marketed by the manufacturer specifying, (a) the trade name, if any, of each, and (b) all bacterial components of a polyvalent product.

Licensed manufacturers of products for which there is no substantial evidence of effectiveness as defined in 21 CFR 130.12(a)(5) will be so notified. Such licenses, and the licenses of those manufacturers who have not indicated timely their intention to submit the data and information called for by this notice, or who have not submitted timely such information and data, shall be surrendered promptly or proceedings will be instituted either for the revocation of the license or against shipments in interstate commerce of such products under the applicable provisions of the Federal Food,

Drug and Cosmetic Act, as may be appropriate. Dr. Pittman
Dated: March 8, 1972. Bldg. 29-320

ROBERT Q. MARSTON,
Director,
National Institutes of Health.

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